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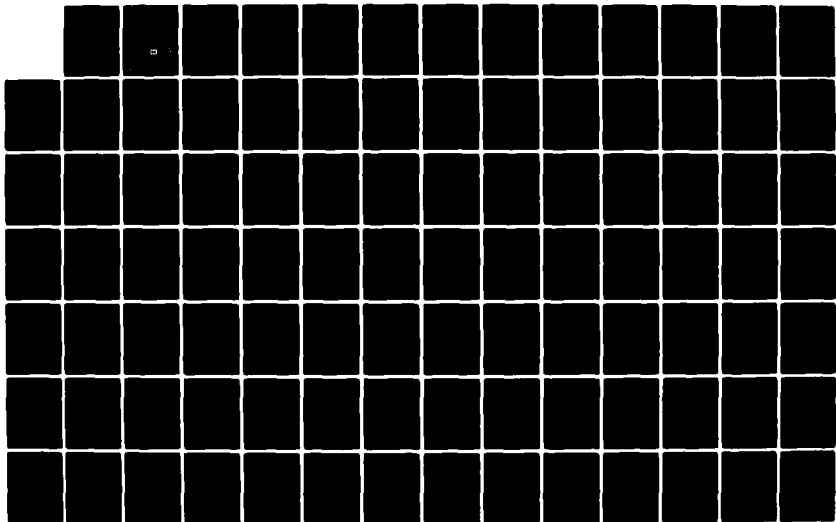
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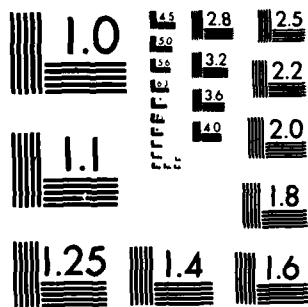
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# WATERBORNE COMMERCE OF THE UNITED STATES

CALENDAR YEAR 1980

PART 1  
WATERWAYS AND HARBORS  
ATLANTIC COAST



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DEPARTMENT OF THE ARMY  
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REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FOI
1. REPORT NUMBER WRSC-WCUS-80-1	2. GOVT ACCESSION NO. AD-A121625	3. RECIPIENT'S CATALOG NUMBER
4. TITLE (and Subtitle) WATERBORNE COMMERCE OF THE UNITED STATES Calendar Year 1980 Part 1 Waterways and Harbors, Atlantic Coast		5. TYPE OF REPORT & PERIOD COVERED Annual Publication Calendar Year 1980
7. AUTHOR(s) Department of the Army Corps of Engineers		6. PERFORMING ORG. REPORT NUMBER
9. PERFORMING ORGANIZATION NAME AND ADDRESS Waterborne Commerce Statistics Center P. O. Box 61280 New Orleans, La. 70161 WRSC-CC		8. CONTRACT OR GRANT NUMBER(s)
11. CONTROLLING OFFICE NAME AND ADDRESS Office, Chief of Engineers, U. S. Army DAEN-CW Forrestal Bldg, Stop 391 1100 Independence Ave., SW Wash, DC 20314		10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS
14. MONITORING AGENCY NAME & ADDRESS (if different from Controlling Office) Water Resources Support Center Data Collection Management Division Casey Bldg. Fort Belvoir, Va. 22060 WRSC-C		12. REPORT DATE September 1982
		13. NUMBER OF PAGES 197
		15. SECURITY CLASS. (of this report) Unclassified
		15a. DECLASSIFICATION/DOWNGRADING SCHEDULE
16. DISTRIBUTION STATEMENT (of this Report)  Approved for public release; distribution unlimited		
17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)		
18. SUPPLEMENTARY NOTES Available from: National Technical Information Service (NTIS) 5285 Port Royal Road Springfield, Va. 22161		
19. KEY WORDS (Continue on reverse side if necessary and identify by block number)  Waterborne Commerce - - Statistics		
20. ABSTRACT (Continue on reverse side if necessary and identify by block number)  Waterborne Commerce of the United States (WCUS), Part 1, calendar year 1980 is one of a series of 5 publications containing statistics on the commercial movement of foreign and domestic cargo. WCUS, Part 1, presents detailed data by commodity and traffic for the waterways and harbors on the Atlantic Coast. The statistics include commodities given in short tons (2000 lbs) and vessel trips for the harbors and waterways.		



# WATERBORNE COMMERCE OF THE UNITED STATES

CALENDAR YEAR 1980

## PART I

WATERWAYS AND HARBORS  
ATLANTIC COAST

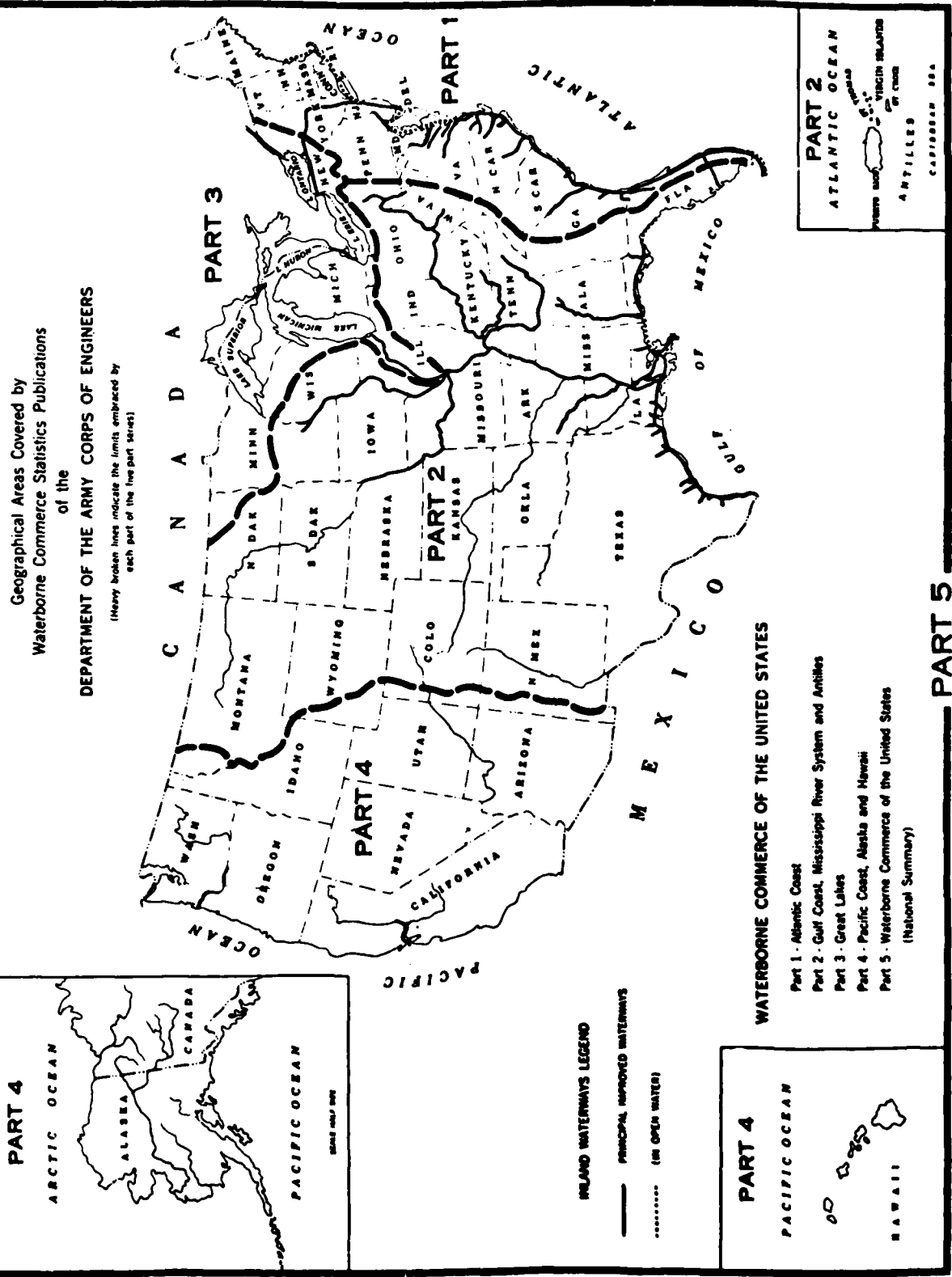
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## INTRODUCTION

This publication is one of a series containing statistics on the waterborne commerce of the United States during the calendar year 1980. Four of these publications present detailed data on the movements of commodities and vessels at the ports and harbors and on the waterways and canals of the United States, the Commonwealth of Puerto Rico, and the Virgin Islands, and the fifth contains summary data of the country as a whole. The numbers of the publications and the areas covered are:

### Area

- Part 1. Atlantic Coast
- Part 2. Gulf Coast, Mississippi River System, and Antilles
- Part 3. Great Lakes
- Part 4. Pacific Coast, Alaska, and Hawaii
- Part 5. Waterborne Commerce of the United States (National Summaries)

Both the foreign and domestic commerce of the United States by water are included. Data on the foreign commerce were supplied to the Corps of Engineers by the Bureau of the Census; data for the compilation of the domestic statistics were collected by the several offices of the Corps of Engineers, Department of the Army, in compliance with various acts of Congress. The principal provision governing the collection of these data is included in the River and Harbor Act of September 22, 1922:

Sec. 11. That owners, agents, masters, and clerks of vessels and other craft plying upon the navigable waters of the United States, and all individuals and corporations engaged in transporting their own goods upon the navigable waters of the United States, shall furnish such statements relative to vessels, passengers, freight and tonnage as may be required by the Secretary of War: Provided, that this provision shall not apply to those rafting logs, except upon a direct request upon the owner to furnish specific information.

That every person or persons offending against the provisions of this section shall, for each and every offense, be liable to a fine of \$100 or imprisonment not exceeding two months, to be enforced in any district court in the United States within whose territorial jurisdiction such offense may have been committed.

While the information as now collected and compiled is designed to meet the administrative requirements of the Department of the Army in connection with the duties assigned by Congress, it also provides useful data for other governmental departments, commercial and shipping concerns, and others interested in transportation.

Waterborne traffic movements were reported to the Corps of Engineers by all vessel operators of record on prescribed forms approved by the Office of Management and Budget under the Federal Reports Act of 1942 for those movements of their vessels which were classified as domestic traffic; namely, between United States ports, continental and noncontiguous, and on the inland rivers, canals, and connecting channels of the United States, Puerto Rico, and the Virgin Islands, excluding the Panama Canal. The reports were generally submitted on the basis of a vessel movement completed in one direction and, for movements with cargo, the origin and destination of the water transportation of each individual commodity. In compiling the data, the entire movement was included in the year in which the movement was completed even though the shipment may have originated in the preceding year, except that, beginning with calendar year 1961 statistics, a cutoff date of 28 February was established for the processing of reports from vessel operators covering the prior year's completed movements. Hence, reports of movements completed in 1980 but not reported to the Corps of Engineers until after 28 February 1981 will be included in the next year's, 1981, statistics rather than in this publication, while reports of movements completed in 1979 but reported to the Corps after 28 February 1980 are included in this publication.

Sponsored by the Office of Statistical Policy, Office of Management and Budget, a uniform system of classification for freight was developed with cooperation of all Federal agencies engaged in collecting and compiling data on shipping. This classification, the Commodity Classification for Domestic Waterborne Commerce, is used for data on the foreign and domestic commerce presented in these publications, although some minor modifications exist in the foreign data which were necessitated by Bureau of the Census policies and procedures.

The domestic traffic includes all commercial movements between points in the United States, Puerto Rico, and the Virgin Islands. Traffic with the Panama Canal Zone is treated as foreign commerce. Cargo moved for the military agencies in commercial vessels is reported as ordinary commercial cargo; military cargo moved in Department of Defense vessels is omitted from these statistics.

All movements between the United States and foreign countries and between Puerto Rico and Virgin Islands, U.S.A., and foreign countries are classified as foreign traffic. Trade between United States territories and possessions, i.e., Guam, Wake, American Samoa, etc., and foreign countries is excluded.

These data are furnished to the Corps of Engineers by the Bureau of the Census under a working arrangement sponsored by the Office of Statistical Policy, Office of Management and Budget. The data are confined to movements by water, and are reconcilable with published reports of the Bureau of the Census. Shipments of domestic merchandise and re-exports of foreign merchandise are termed exports. The imports include inbound merchandise for direct consumption and entries into custom bonded storage and manufacturing warehouses. Intransit merchandise, defined by the Bureau of the Census as merchandise coming into the United States from a foreign country and shipped to a foreign country without having been entered as an import, is treated as an import when unloaded from a vessel and as an export when loaded on a vessel. Export shipments for use of the United States Armed Forces abroad are excluded from the statistics as are import shipments on Department of Defense owned and operated vessels. Foreign trade data of territories and possessions other than Puerto Rico and the Virgin Islands, which are under the jurisdiction of the Department of the Interior, were not furnished to the Corps of Engineers by the Bureau of the Census and are excluded from the statistics of both agencies.

Export shipments under the various foreign aid programs on Department of Defense operated vessels, either American Flag commercial vessels under time, voyage, or space charter or vessels owned and operated by the Department of Defense, and various items (listed by the Census) which affect national security are not published in terms of the individual commodities shipped. Instead, a lump-sum tonnage figure is compiled and appears in these tables as commodity code 9999, "Department of Defense controlled cargo and Special Category Items."

The 1980 statistics on waterborne exports of domestic and foreign merchandise and non-Department of Defense shipments of Special Category commodities reflect fully compiled data for shipments to Canada individually valued at \$2,000 and over combined with estimated data for shipments valued \$251-\$1,999, based on a 10-percent sample of such shipments. For countries other than Canada, the export statistics reflect fully compiled data for shipments valued \$1,000 and over combined with estimated data for shipments valued \$251-\$999, based on a 50-percent sample of such shipments. Data on export shipments valued under \$251 are excluded from this report.

Import statistics for 1980 exclude data on shipments valued \$250 and under reported on both formal and informal entries. Informal entries generally contain items valued not more than \$250.

Foreign trade data furnished by Census are based on reports processed for Census' monthly data January through December and represent statistical year rather than calendar year data.

The figures on ton-miles are computed by the Corps of Engineers; each ton-mile figure reflects only the distance each ton of cargo, foreign or domestic, moved on the waterway described in the section for which the figure is reported. The summary of ton-miles for the entire United States contained in Part 5 includes movements on the inland waterways and Great Lakes System only; cargoes, foreign and domestic, of deep-sea vessels are included only for that portion of the voyage that occurred in inland rivers, canals, or connecting channels—neither the carriage on the oceans and the Gulf of Mexico nor the tonnage moved among the territories and possessions, "Intra-territory Traffic," are taken into account.

Trips of vessels at ports are reported as inbound, which represents the number of entrances or arrivals; and outbound, which represents the number of clearances or departures. On the waterways, the number of trips signifies the number of individual vessel movements on the waterway in each direction; a single trip is counted for each vessel using the waterway in a continuous direction regardless of the number of stops made on the waterway. Some towboat trips and empty barge moves are sampled to expedite processing and reduce cost. Even with sampling, however, the number of towboat trips are calculated from better than 70% of the total number of towboat moves reported and the number of barge trips are derived from better than 85% of the total number of barge moves reported. The number of trips reported includes vessels engaged in foreign trade, which are furnished by the Bureau of the Census based on Customs Entrance and Clearance forms. Complete information on trips of vessels, ferry and other, not required to clear formally was not furnished by the Bureau of Customs beginning with data for the year 1969. Adjustments are made to the trip counts, if necessary, to more accurately reflect actual traffic patterns (e.g., inbound vs. outbound trip counts).

Customs regulations with regard to entrance and clearance do not provide all data as required by the Corps of Engineers where supplementary information could be obtained, adjustments were made by the Corps of Engineers to reflect the true volume of vessel movements in and out of channels and harbors reported in these publications.

Excluded from these figures are United States Army and Navy vessels, such as Army transports and Navy tankers entering or clearing without commercial cargo, and foreign military and naval craft.

Some duplication may exist in the number of vessel trips at ports for those American Flag vessels engaging both foreign and domestic trade on the same voyage. Since movements of vessels and cargo between two United States ports are reported to the Corps of Engineers, and entrance and clearance must be obtained from Customs at each port of call while foreign cargoes are aboard, those vessels engaged in combined foreign and domestic movements may be reported twice.

Draft, in all cases, is the distance from water level to the lowest point of the vessel under-water and is measured when the vessel is completely stopped-either tied to a dock or at anchor. The draft under way-while the vessel is moving-is dependent on many factors, such as speed of the vessel and depth and width of the channel, and varies from channel to channel. Channel depth of at least 3 feet more than the draft of a vessel at dock is required where vessels must be operated at slow speed. Channel depth of 5 feet more than the draft of a vessel at dock is required in channels where vessels can be operated at more efficient and economical speeds.

Passenger arrivals and departures on the various waterways and channels and at ports include passengers engaged in foreign travel. While the Immigration and Naturalization Service, Department of Justice, no longer provides foreign passenger data to the Waterborne Commerce Statistics Center, foreign passengers traveling between Canada and the United States in the Great Lakes and Alaska areas are reported to the Corps of Engineers from other sources available to the Corps. In addition, the New England Division has been able to obtain foreign passenger data for calendar year 1980 in Bar Harbor, Lubec, Eastport and Portland Harbor.

Foreign data on various connecting channels having no terminal facilities, such as Cape Cod Canal, and Chesapeake and Delaware Canal, are not available from Census records. Hence, the Corps of Engineers developed such data from canal records.

SECTION 1 of this publication presents comparative statements of commerce for preceding years and the detailed freight traffic for calendar year 1980 of harbors and waterways in the area covered by this Part of the statistics series. SECTION 2 presents data on the movements of vessels at the harbors and on the waterways included in the first section.

#### TERMS FOR KIND OF TRAFFIC

The terms applied to the kinds of traffic as found in these publications are explained as follows:

##### Pertaining to Ports

Imports and exports.-These terms apply to traffic between the United States and foreign ports, including the Canal Zone. Traffic of U.S. Great Lakes ports with Canada is supplemented by the term "Canadian" to differentiate it from overseas traffic.

Coastwise receipts and shipments.-These terms apply to domestic traffic receiving a carriage over the ocean, or the Gulf of Mexico, e.g. New Orleans to Baltimore, New York to Puerto Rico, San Francisco to Hawaii, or Puerto Rico to Hawaii. Traffic between Great Lakes ports and seacoast ports, when having a carriage over the ocean, is also termed "coastwise." The Chesapeake Bay and Puget Sound are internal bodies of water; therefore, traffic confined to these areas is "internal" rather than "coastwise."

Lakewise receipts and shipments.-These terms apply to traffic between United States ports on the Great Lakes System. The Great Lakes System is treated as a separate system rather than as a part of the inland system.

Internal receipts and shipment.-These terms apply to traffic between ports or landings wherein the entire movement takes place on inland waterways. Also termed internal are movements involving carriage on both inland waterways and waters of the Great Lakes; inland movements that cross short stretches of open waters which link inland systems, marine products, sand and gravel taken directly from beds of the oceans, the Gulf of Mexico and important arms thereof; and movements between offshore installations and inland waterways.

Local.-Movements of freight within the confines of a port whether the port has only one or several arms or channels, except car-ferry and general ferry, are termed "local." The term is also applied to marine products, sand, and gravel taken directly from the Great Lakes.

Intraterritory receipts and shipments.-These terms apply to traffic between ports in Puerto Rico and the Virgin Islands, U.S.A., which are considered as a single unit.

##### Pertaining to Rivers, Federal and Private Canals, Connecting Channels, and Intracoastal Waterways

The terms "imports," "exports," "coastwise receipts," "coastwise shipments," "internal receipts," and "internal shipments" are used as at ports.

Upbound and downbound.-These terms are applied to movements within the confines of a river, intracoastal waterway, canal, or a segment of one of these channels as described in the "Section included" for each channel.

Inbound and outbound.-Traffic moving from one waterway into another is termed "outbound" in the case of the shipping waterway and "inbound" with respect to the receiving waterway.

Through traffic.-Traffic moving through a waterway to and from points on other waterways is termed "through traffic."

#### General Terms

Freight reported under the terms "car ferry" or "general ferry" is not directly included in the port or channel tonnage, but is separately stated and tabulated.

## COMMODITY CLASSIFICATION FOR DOMESTIC WATERBORNE COMMERCE

Note: The commodity descriptions used in the statistical tables in this publication are abbreviated forms-to conserve printing space-of the following commodities:

Code No.	Item Name	Code No.	Item Name
Group 01-Farm Products		Group 21-Tobacco Products	
0101	Cotton, raw	2111	Tobacco manufactures
0102	Barley and rye	Group 22-Basic Textiles	
0103	Corn	2211	Basic textile products, except textile fibers
0104	Oats	2212	Textile fibers not elsewhere classified
0105	Rice	Group 23-Apparel and Other Finished Textile Products Including Knit	
0106	Sorghum Grains	2311	Apparel and other finished textile products, including knit
0107	Wheat	Group 24-Lumber and Wood Products Except Furniture	
0111	Soybeans	2411	Logs
0112	Flaxseed	2412	Rafted logs
0119	Oilseeds, not elsewhere classified	2413	Fuel wood, charcoal, and wastes
0121	Tobacco, leaf	2414	Timber, posts, poles, piling, and other wood in the rough
0122	Hay and fodder	2415	Pulpwood, log
0129	Field crops, not elsewhere classified	2416	Wood chips, staves, moldings, and excelsior
0131	Fresh fruits, including imported bananas and plantains	2421	Lumber
0132	Bananas and plantains	2431	Veneer, plywood, and other worked wood
0133	Coffee, green and roasted (including instant)	2491	Wood manufactures, not elsewhere classified
0134	Cocoa beans	Group 25-Furniture and Fixtures	
0141	Fresh and frozen vegetables	2511	Furniture and fixtures
0151	Live animals (livestock) except zoo animals, cats, dogs, etc.	Group 26-Pulp, Paper and Allied Products	
0161	Animals and animal products, not elsewhere classified	2611	Pulp
0191	Miscellaneous farm products	2621	Standard newsprint paper
Group 08-Forest Products		2631	Paper and paperboard
0841	Crude rubber and allied gums	2691	Pulp, paper and paperboard products, not elsewhere classified
0861	Forest products, not elsewhere classified	Group 27-Printed Matter	
Group 09-Fresh Fish and Other Marine Products		2711	Printed matter
0911	Fresh fish, except shellfish	Group 28-Chemicals and Allied Products	
0912	Shellfish, except prepared or preserved	2810	Sodium hydroxide (caustic soda)
0913	Menhaden	2811	Crude products from coal tar, petroleum, and natural gas, except benzene and toluene
0931	Marine shells, unmanufactured	2812	Dyes, organic pigment, dyeing and tanning materials
Group 10-Metallic Ores		2813	Alcohols
1011	Iron ore and concentrates	2816	Radioactive and associated materials, including wastes
1021	Copper ore and concentrates	2817	Benzene and toluene, crude and commercially pure
1051	Bauxite and other aluminum ores and concentrates	2818	Sulphuric acid
1061	Manganese ores and concentrates	2819	Basic chemicals and basic chemical products, not elsewhere classified
1091	Nonferrous metal ores and concentrates, not elsewhere classified	2821	Plastic materials, regenerated cellulose and synthetic resins, including film, sheeting, and laminates
Group 11-Coal		2822	Synthetic rubber
1121	Coal and lignite	2823	Synthetic (man-made) fiber
Group 13-Crude Petroleum		2831	Drugs (biological products, medicinal chemicals, botanical products and pharmaceutical preparations)
1311	Crude petroleum	2841	Soap, detergents, and cleaning preparations; perfumes, cosmetics, and other toilet preparations
Group 14-Nonmetallic Minerals, Except Fuels		2851	Paints, varnishes, lacquers, enamels, and allied products
1411	Limestone flux and calcareous stone	2861	Gum and wood chemicals
1412	Building stone, unworked	2871	Nitrogenous chemical fertilizers, except mixtures
1442	Sand, gravel and crushed rock	2872	Potassic chemical fertilizers, except mixtures
1451	Clay, ceramic and refractory materials	2873	Phosphatic chemical fertilizers, except mixtures
1471	Phosphate rock	2876	Insecticides, fungicides, pesticides, and disinfectants
1479	Natural fertilizer materials, not elsewhere classified	2879	Fertilizers and fertilizer materials, not elsewhere classified
1491	Salt	2891	Miscellaneous chemical products
1492	Sulphur, dry	Group 29-Petroleum and Coal Products	
1493	Sulphur, liquid	2911	Gasoline, including natural gasoline
1494	Gypsum, crude and plasters	2912	Jet fuel
1499	Nonmetallic minerals, except fuels, not elsewhere classified	2913	Kerosene
Group 19-Ordnance and Accessories		2914	Distillate fuel oil
1911	Ordnance and accessories	2915	Residual fuel oil
Group 20-Food and Kindred Products		2916	Lubricating oils and greases
2011	Meat, fresh, chilled, or frozen	2917	Naphtha, mineral spirits, solvents, not elsewhere classified
2012	Meat and meat products prepared or preserved, including canned meat products	2918	Asphalt, tar, and pitches
2014	Tallow, animal fats and oils	2920	Coke, including petroleum coke
2015	Animal by-products, not elsewhere classified	2921	Liquefied petroleum gases, coal gases, natural gas, and natural gas liquids
2021	Dairy products, except dried milk and cream	2951	Asphalt building materials
2022	Dried milk and cream	2991	Petroleum and coal products, not elsewhere classified
2031	Fish and fish products, including shellfish, prepared or preserved	Group 30-Rubber and Miscellaneous Plastics Products	
2034	Vegetables and preparations, canned and otherwise prepared and preserved	3011	Rubber and miscellaneous plastics products
2039	Fruits, and fruit and vegetable juices, canned and otherwise prepared or preserved	Group 31-Leather and Leather Products	
2041	Wheat flour and semolina	3111	Leather and leather products
2042	Animal feeds		
2049	Grain mill products, not elsewhere classified		
2061	Sugar		
2062	Molasses		
2081	Alcoholic beverages		
2091	Vegetable oils, all grades; margarine and shortening		
2092	Animal oils and fats, not elsewhere classified, including marine		
2094	Groceries		
2095	Ice		
2099	Miscellaneous food products		

Code  
No.                      Item Name

Group 32-Stone, Clay, Glass and Concrete Products

3211 Glass and glass products  
3241 Building cement  
3251 Structural clay products, including refractories  
3271 Lime  
3281 Cut stone and stone products  
3291 Miscellaneous nonmetallic mineral products

Group 33-Primary Metal Products

3311 Pig iron  
3312 Slag  
3313 Coke (coal and petroleum), petroleum pitches and  
          asphalts, and naphtha and solvents  
3314 Iron and steel ingots, and other primary forms,  
          including blanks for tube and pipe, and sponge  
          iron  
3315 Iron and steel bars, rods, angles, shapes and  
          sections, including sheet piling  
3316 Iron and steel plates and sheets  
3317 Iron and steel pipe and tube  
3318 Ferroalloys  
3319 Primary iron and steel products, not elsewhere classified  
          including castings in the rough  
3321 Nonferrous metals primary smelter product, basic shapes,  
          wire castings and forgings, except copper, lead, zinc  
          and aluminum  
3322 Copper and copper alloys, whether or not refined, unworked  
3323 Lead and zinc including alloys, unworked  
3324 Aluminum and aluminum alloys, unworked

Group 34-Fabricated Metal Products,  
          Except Ordnance, Machinery and  
          Transportation Equipment

3411 Fabricated metal products, except ordnance, machinery,  
          and transportation equipment

Group 35-Machinery, Except Electrical

3511 Machinery, except electrical

Group 36-Electrical Machinery, Equipment  
          and Supplies

3611 Electrical machinery equipment and supplies

Code  
No.                      Item Name

Group 37-Transportation Equipment

3711 Motor vehicles, parts and equipment  
3721 Aircraft and parts  
3731 Ships and boats  
3791 Miscellaneous transportation equipment

Group 38-Instruments, Photographic and  
          Optical Goods, Watches and Clocks

3811 Instruments, photographic and optical goods, watches and clocks

Group 39-Miscellaneous Products of  
          Manufacturing

3911 Miscellaneous products of manufacturing

Group 40-Waste and Scrap Materials

4011 Iron and steel scrap  
4012 Nonferrous metal scrap  
4022 Textile waste, scrap, and sweepings  
4024 Paper waste and scrap  
4029 Waste and scrap, not elsewhere classified

Group 41-Special Items

4111 Water  
4112 Miscellaneous shipments not identifiable by  
          commodity  
4113 LCL freight  
4118 Materials used in waterway improvement, Government materials  
4119 Empty containers  
9999\* Department of Defense controlled cargo and special category  
          items

\*Cargoes exported on Department of Defense controlled vessels  
(other than goods for the use of U.S. Armed Forces abroad) and non-  
Department of Defense shipments of military component items (abbrevi-  
ated SCI) for which commodity detail is not furnished to the Corps  
of Engineers.



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Section 1  
FREIGHT TRAFFIC

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# NEW ENGLAND DIVISION

3

## BUCKSPORT HARBOR, MAINE (INCLUDED IN PENOBSCOT RIVER, MAINE)

SECTION INCLUDED: HARBOR PROPER, INCLUDING WESTERN END OF THE EASTERN CHANNEL, OPPOSITE THE NORTHERN END OF VERONA ISLAND. CONTROLLING DEPTH: 5.2 FEET, PROJECT DEPTH: 16.0 FEET IN MIDDLE GROUND AT MEAN LOW WATER.

### COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971-----	1,772,107	1976-----	1,185,142
1972-----	1,328,498	1977-----	1,191,026
1973-----	1,182,679	1978-----	1,175,770
1974-----	1,193,920	1979-----	1,091,638
1975-----	1,149,050	1980-----	939,384

### FREIGHT TRAFFIC, 1980

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN	DOMESTIC		
		IMPORTS	COASTWISE	INTERNAL	
			RECEIPTS	RECEIPTS	SHIPMENTS
TOTAL-----	939,384	428,709	428,406	2,068	80,201
2911 GASOLINE-----	126,893		126,893		
2912 JET FUEL-----	61,255		59,756		1,499
2913 KEROSENE-----	45,874		37,777	2,068	5,731
2914 DISTILLATE FUEL OIL-----	319,696	46,788	199,937		72,971
2919 RESIDUAL FUEL OIL-----	381,921	381,921			
2991 PETROLEUM AND COAL PROD, NEC-----	4,043		4,043		

## PENOBSCOT RIVER, MAINE

SECTION INCLUDED: MOUTH TO BANGOR, CONTROLLING DEPTH: 18 FEET IN CHANNEL OPPOSITE LAWRENCE COVE AND 21.4 FEET IN CHANNEL OPPOSITE FRANKFORT FLATS, PROJECT DEPTH: 22 FEET BETWEEN BUCKSPORT AND WINTERPORT, 15 FEET NEAR STEARNS HILL AND CROSSBY NARROWS, 13 FEET AT HARBOR AT BANGOR. ALL AT MEAN LOW WATER, NAVIGATION SEASON: ABOUT 9 MONTHS.

### COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971-----	1,772,107	1976-----	1,821,835
1972-----	1,820,370	1977-----	1,812,439
1973-----	1,832,107	1978-----	1,768,187
1974-----	1,678,185	1979-----	1,601,606
1975-----	1,667,833	1980-----	1,459,216

### FREIGHT TRAFFIC, 1980

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			
		IMPORTS	EXPORTS	COASTWISE		INTERNAL	
				RECEIPTS	SHIPMENTS	UPBOUND	DOWNBOUND
TOTAL-----	1,459,216	488,588	10,727	869,935	4,389	82,044	4,136
0161 ANIMALS AND PRODUCTS, NEC-----	2,248		2,248				
0911 FRESH FISH, EXCEPT SHELLFISH-----	943		943				
1121 COAL AND LIGNITE-----	4,921			4,921			
2011 MEAT, FRESH, CHILLED, FROZEN-----	7,931		7,931				
2049 GRAIN MILL PRODUCTS, NEC-----	4	4					
2211 BASIC TEXTILE PRODUCTS-----	1		1				
2491 WOOD MANUFACTURES, NEC-----	1		1				
2911 GASOLINE-----	364,996			364,996			
2912 JET FUEL-----	67,730			66,231		1,499	
2913 KEROSENE-----	63,314			55,447		5,731	4,136
2914 DISTILLATE FUEL OIL-----	481,285	46,788		359,297	4,389	74,811	
2919 RESIDUAL FUEL OIL-----	441,796	441,796					
2918 ASPHALT, TAR, AND PITCHES-----	20,216			20,216			
2991 PETROLEUM AND COAL PROD, NEC-----	5,027			5,027			
3911 MACHINERY, EXCEPT ELECTRICAL-----	3		3				
TOTAL TON-MILES, 18,575,743.							

## SEARSPORT HARBOR, MAINE

SECTION INCLUDED: CHANNEL FROM DEEP WATER TO PIERS AND TURNING BASIN AT HACK POINT, CONTROLLING DEPTH: 35 FEET IN 35 FOOT ACCESS CHANNEL; 34 FEET IN 35 FOOT TURNING BASIN, PROJECT DEPTH: 35 FEET; ALL AT MEAN LOW WATER.

### COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971-----	1,013,937	1976-----	1,313,613
1972-----	1,198,562	1977-----	1,497,184
1973-----	1,322,686	1978-----	1,339,063
1974-----	1,216,294	1979-----	1,288,216
1975-----	1,369,860	1980-----	1,192,650

## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

## SEASPORT HARBOR, MAINE--CONTINUED

## FREIGHT TRAFFIC, 1980

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC	
		IMPORTS	EXPORTS	COASTWISE RECEIPTS	LOCAL
TOTAL-----	1,192,490	1,002,030	32,159	156,322	1,339
0121 TOBACCO, LEAF-----	45	45			
0141 FRESH AND FROZEN VEGETABLES-----	1,701		1,701		
0861 FOREST PRODUCTS, NEC-----	45	45			
1091 ALUMINUM ORES, CONCENTRATES-----	11,291	11,291			
1121 COAL AND LIGNITE-----	64,101			64,101	
1491 CLAY-----	1,933		1,933		
1491 SALT-----	182,989	182,989			
2034 VEGETABLES AND PREP, NEC-----	17,446	17,446			
2081 ALCOHOLIC BEVERAGES-----	88	88			
2421 LUMBER-----	20,142		20,142		
2431 VENEER, PLYWOOD, WORKED WOOD-----	462		462		
2611 PULP-----	2,936	2,936			
2631 PAPER AND PAPERBOARD-----	8,096		8,096		
2810 SODIUM HYDROXIDE-----	10,911			10,911	
2911 GASOLINE-----	96,408	49,219		47,189	
2912 JET FUEL-----	23,403			23,403	
2914 DISTILLATE FUEL OIL-----	9,061			9,061	
2915 RESIDUAL FUEL OIL-----	742,462	739,146		1,077	1,339
3911 MACHINERY, EXCEPT ELECTRICAL-----	54	29	25		

## PORTLAND HARBOR, MAINE

SECTION INCLUDES: NORTHERN LIMIT FROM THE MOUTH OF THE PRESUMPSOT RIVER ON THE WEST TO THE NORTHERN EXTREMITY OF GREAT DIAMOND ISLAND ON THE EAST; AND THE SOUTHERN LIMIT FROM PORTLAND HEAD LIGHT TO THE SOUTHERN EXTREMITY OF CUSHING ISLAND ACROSS THE MAIN SHIP CHANNEL. INCLUDED WITHIN THIS AREA ARE THE WATERFRONTS OF PORTLAND, SOUTH PORTLAND AND BACK COVE. CONTROLLING DEPTH: 45 FEET FROM THE SEA TO THE LIMIT OF THE 45-FOOT CHANNEL; 45 FEET IN MAIN SHIP CHANNEL; 45 FEET IN 45-FOOT HOUSE ISLAND ANCHORAGE; 33 FEET TO PORTLAND BRIDGE; 32.0 FEET TO UPSTREAM LIMIT IN THE 38-FOOT FORD RIVER CHANNEL; 30 FEET IN 30-FOOT ANCHORAGE; 18 FEET IN 30-FOOT APPROACH CHANNEL; 13 FEET IN 14-FOOT CHANNEL BETWEEN GRAND TRUNK AND TUKEY BRIDGES; 8 FEET IN 12-FOOT CHANNEL IN BACK COVE. PROJECT DEPTH: 45 FEET FROM OPEN OCEAN TO PORTLAND PIPELINE CORP. TERMINAL; 45 FOOT ANCHORAGE TO B & M R R BRIDGE. OTHER CHANNELS RANGE FROM 12 TO 35 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1971-----	31,679,119	338,424	1976-----	25,373,621	535,471
1972-----	30,682,669	427,654	1977-----	18,326,110	535,014
1973-----	28,844,110	404,977	1978-----	22,165,303	569,557
1974-----	27,606,379	347,863	1979-----	13,262,431	575,935
1975-----	27,965,807	336,834	1980-----	12,847,971	577,972

## FREIGHT TRAFFIC, 1980

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		
		IMPORTS	EXPORTS	COASTWISE RECEIPTS	SHIPMENTS	INTERNAL RECEIPTS
TOTAL-----	12,847,971	9,109,961	40,701	3,184,050	366,385	24,964
0129 FIELD CROPS, NEC-----	2,045	2,045				
0131 FRESH FRUITS AND TREE NUTS-----	8		8			
0141 FRESH AND FROZEN VEGETABLES-----	113		113			
0151 LIVE ANIMALS-----	1		1			
0161 ANIMALS AND PRODUCTS, NEC-----	35	35				
0911 FRESH FISH, EXCEPT SHELLFISH-----	25,502		938			24,964
0912 SHELLFISH, EXCEPT PREPARED-----	44		44			
1311 CRUDE PETROLEUM-----	6,927,619	6,927,619				
1491 SALT-----	13		13			
2031 FISH AND SHELLFISH, PREPARED-----	722	722				
2042 PREPARED ANIMAL FEEDS-----	69		69			
2099 MISCELLANEOUS FOOD PRODUCTS-----	22	22				
2211 BASIC TEXTILE PRODUCTS-----	187	44	63			
2311 APPAREL-----	22	1	21			
2421 LUMBER-----	642		642			
2511 FURNITURE AND FIXTURES-----	13	2	11			
2611 PULP-----	37,661		37,661			
2691 PULP AND PAPER PRODUCTS, NEC-----	68		68			
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	841,949	841,949				
2819 BASIC CHEMICALS AND PROD, NEC-----	76	76				
2841 SOAP-----	22,943	22,943				
2861 GUM AND WOOD CHEMICALS-----	171,117	171,117				
2891 MISCELLANEOUS CHEMICAL PROD-----	2		2			
2911 GASOLINE-----	1,881,440	123,922		1,594,313	187,046	
2912 JET FUEL-----	34,963			34,963		
2913 KEROSENE-----	130,324			116,631	13,693	
2914 DISTILLATE FUEL OIL-----	1,285,890	23,654		1,095,860	150,710	
2915 RESIDUAL FUEL OIL-----	1,394,321	924,641		367,217	7,600	
2918 ASPHALT, TAR, AND PITCHES-----	61,189	60,419		12,974		
2991 PETROLEUM AND COAL PROD, NEC-----	2,601			2,601		
3011 RUBBER AND MISC PLASTIC PROD-----	26		26			
3291 MISC NONMETALLIC MINERAL PROD-----	2	2				
3411 FABRICATED METAL PRODUCTS-----	2,946	65	1,191		1,330	
3911 MACHINERY, EXCEPT ELECTRICAL-----	2,900	2,442				
3611 ELECTRICAL MACH AND EQUIP-----	21		21			
3711 MOTOR VEHICLES, PARTS, EQUIP-----	89	10	73			

# NEW ENGLAND DIVISION

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PORTLAND HARBOR, MAINE--CONTINUED

FREIGHT TRAFFIC, 1988--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			LOCAL
		IMPORTS	EXPORTS	COASTWISE RECEIPTS	SHIPMENTS	INTERNAL RECEIPTS	
3721 AIRCRAFT AND PARTS-----	23	23	-----	-----	-----	-----	-----
3731 SHIPS AND BOATS-----	19	1	18	-----	-----	-----	-----
3791 MISC TRANSPORTATION EQUIPMENT-----	23	-----	23	-----	-----	-----	-----
3811 INSTR, TIME, PHOTO, OPT GOODS-----	12	-----	12	-----	-----	-----	-----
3911 MISC MANUFACTURED PRODUCTS-----	9	-----	9	-----	-----	-----	-----
4022 TEXTILE WASTE, SCRAP, SHEEP-----	56	-----	56	-----	-----	-----	-----
4112 COMMODITIES, NEC-----	944	-----	1	91	-----	-----	852
TOTAL TON-MILES, 21,649,016.							

PORTSMOUTH HARBOR, N. H.

SECTION INCLUDED: FROM MOUTH TO NEWINGTON, N. H., ON THE WEST BANK OF THE PISCATAQUA RIVER, CONTROLLING DEPTH: 32.0 FEET IN THE 35-FOOT CHANNEL TO SIMPLEX DOCK; THENCE 30 FEET TO UPSTREAM LIMIT; PROJECT DEPTH: 35 FEET AT MEAN LOW WATER OVER LEDGES.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1971-----	2,174,425	-----	1976-----	3,143,313	77,584
1972-----	2,188,071	-----	1977-----	3,499,854	94,284
1973-----	2,314,900	-----	1978-----	3,385,303	102,586
1974-----	2,364,290	-----	1979-----	3,919,926	100,566
1975-----	2,943,343	-----	1980-----	2,783,781	51,160

FREIGHT TRAFFIC, 1980

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			LOCAL
		IMPORTS	EXPORTS	COASTWISE RECEIPTS	SHIPMENTS	INTERNAL RECEIPTS	
TOTAL-----	2,783,781	1,169,332	182,024	1,258,425	141,367	-----	32,633
0121 TOBACCO, LEAF-----	444	444	-----	-----	-----	-----	-----
0131 FRESH FRUITS AND TREE NUTS-----	68	-----	68	-----	-----	-----	-----
0133 COFFEE-----	654	654	-----	-----	-----	-----	-----
1311 CRUDE PETROLEUM-----	269,616	114,644	-----	154,972	-----	-----	-----
1411 LIMESTONE-----	109,219	109,219	-----	-----	-----	-----	-----
1491 SALT-----	198,919	198,919	-----	-----	-----	-----	-----
2015 ANIMAL BY-PRODUCTS, NEC-----	80	17	63	-----	-----	-----	-----
2021 DAIRY PRODUCTS, NEC-----	60	60	-----	-----	-----	-----	-----
2031 FISH AND SHELLFISH, PREPARED-----	1,721	1,721	-----	-----	-----	-----	-----
2061 SUGAR-----	5,872	-----	5,872	-----	-----	-----	-----
2081 ALCOHOLIC BEVERAGES-----	1,956	1,956	-----	-----	-----	-----	-----
2211 BASIC TEXTILE PRODUCTS-----	76	51	25	-----	-----	-----	-----
2421 LUMBER-----	237	-----	237	-----	-----	-----	-----
2431 VENEER, PLYWOOD, WORKED WOOD-----	118	118	-----	-----	-----	-----	-----
2491 WOOD MANUFACTURES, NEC-----	14	-----	14	-----	-----	-----	-----
2511 FURNITURE AND FIXTURES-----	6	1	5	-----	-----	-----	-----
2611 PAPER AND PAPERBOARD-----	243	25	218	-----	-----	-----	-----
2691 PULP AND PAPER PRODUCTS, NEC-----	34	34	-----	-----	-----	-----	-----
2819 BASIC CHEMICALS AND PROD, NEC-----	187	187	-----	-----	-----	-----	-----
2821 PLASTIC MATERIALS-----	88	-----	88	-----	-----	-----	-----
2851 PAINTS-----	27	27	-----	-----	-----	-----	-----
2911 GASOLINE-----	210,669	5,110	-----	194,671	10,888	-----	-----
2912 JET FUEL-----	89,468	-----	-----	83,041	6,427	-----	-----
2913 KEROSENE-----	34,677	-----	-----	34,677	-----	-----	-----
2914 DISTILLATE FUEL OIL-----	747,516	-----	-----	694,395	49,264	-----	3,857
2915 RESIDUAL FUEL OIL-----	882,935	703,948	-----	96,354	53,857	-----	28,776
2917 NAPHTHA, PETROLEUM SOLVENTS-----	19,481	-----	-----	-----	19,481	-----	-----
2921 LIQUEFIED GASES-----	19,977	19,977	-----	-----	-----	-----	-----
3011 RUBBER AND MISC PLASTIC PROD-----	24	7	17	-----	-----	-----	-----
3111 LEATHER AND LEATHER PRODUCTS-----	205	128	77	-----	-----	-----	-----
3211 GLASS AND GLASS PRODUCTS-----	49	-----	49	-----	-----	-----	-----
3291 MISC NONMETALLIC MINERAL PROD-----	3	3	-----	-----	-----	-----	-----
3316 IRON AND STEEL PLATES, SHEETS-----	5,645	5,645	-----	-----	-----	-----	-----
3318 FERROALLOYS-----	2,977	2,977	-----	-----	-----	-----	-----
3319 IRON AND STEEL PRODUCTS, NEC-----	3,523	974	2,549	-----	-----	-----	-----
3411 FABRICATED METAL PRODUCTS-----	1,655	172	33	-----	1,450	-----	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	2,806	2,177	629	-----	-----	-----	-----
3611 ELECTRICAL MACH AND EQUIP-----	103	5	98	-----	-----	-----	-----
3731 SHIPS AND BOATS-----	315	-----	-----	315	-----	-----	-----
3811 INSTR, TIME, PHOTO, OPT GOODS-----	38	1	37	-----	-----	-----	-----
3911 MISC MANUFACTURED PRODUCTS-----	95	-----	-----	-----	-----	-----	-----
4011 IRON AND STEEL SCRAP-----	171,850	-----	171,850	-----	-----	-----	-----
4012 NONFERROUS METAL SCRAP-----	139	-----	-----	-----	-----	-----	-----
4112 COMMODITIES, NEC-----	30	30	-----	-----	-----	-----	-----
9999 DEPARTMENT OF DEFENSE AND SCI-----	2	-----	2	-----	-----	-----	-----
TOTAL TON-MILES, 11,742,181.							

## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

## SALEM HARBOR, MASS.

SECTION INCLUDED: WESTERLY SHORE OF HARBOR INCLUDING SOUTH RIVER. CONTROLLING DEPTH: 30 FEET AT MEAN LOW WATER IN THE 32-FOOT CHANNEL, 8 FEET IN THE 6-FOOT CHANNEL AND BASIN, AND 8 FEET IN THE 10-FOOT CHANNEL. PROJECT DEPTH: MAIN CHANNEL 32 FEET AT MEAN LOW WATER; SOUTH RIVER CHANNEL ABOUT 0.5 MILE LONG AND 10 FEET DEEP FROM THIS DEPTH IN THE HARBOR TO ABOUT OPPOSITE THE OUTER END OF DERBY WHARF, THENCE TO 8 FEET AND THEN 6 FEET DEEP, ALL AT MEAN LOW WATER.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1971	1,047,989	53,804	1976	1,651,062	19,468
1972	1,562,159	788	1977	1,648,636	6,942
1973	1,800,180	60,008	1978	1,487,230	-----
1974	2,030,773	44,774	1979	1,384,294	8,690
1975	1,936,086	11,668	1980	1,556,764	2,104

## FREIGHT TRAFFIC, 1980

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN	DOMESTIC COASTWISE	
		IMPORTS	RECEIPTS	SHIPMENTS
TOTAL	1,556,764	683,319	833,743	39,702
1121 COAL AND LIGNITE	9,876	-----	9,876	-----
1311 CRUDE PETROLEUM	43,972	-----	15,721	28,251
2913 KEROSENE	4,811	-----	4,811	-----
2914 DISTILLATE FUEL OIL	285,438	-----	285,438	-----
2915 RESIDUAL FUEL OIL	1,211,640	683,319	516,870	11,451
2991 PETROLEUM AND COAL PROD, NEC	1,147	-----	1,147	-----
3411 FABRICATED METAL PRODUCTS	180	-----	180	-----
TOTAL TON-MILES	3,113,528	-----	-----	-----

## PORT OF BOSTON, MASS.

SECTION INCLUDED: BOSTON HARBOR, INCLUDING ALL THE TIDEWATER LYING WITHIN A LINE FROM POINT ALLERTON TO POINT SHIRLEY, AND EXTENDING WESTWARD TO THE MAINLAND, COMPRISING AN AREA OF APPROXIMATELY 49 SQUARE MILES. CONTROLLING DEPTH: MAIN SHIP CHANNEL TO COMMONWEALTH PIER NO. 1, 38.7 FEET. OTHER CHANNELS RANGE FROM 15 TO 40 FEET. PRESIDENT ROADS ANCHORAGE, 35 FEET. PROJECT DEPTH: A CHANNEL 40 FEET DEEP IN GENERAL, BUT 45 FEET THROUGH ROCK 900 FEET WIDE, WIDENING AT THE OUTER END TO 1,100 FEET FROM THE SEA TO PRESIDENT ROADS, THROUGH BROAD SOUND. OTHER CHANNELS RANGE FROM 15 TO 40 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1971	26,196,917	304,718	1976	26,172,442	724,477
1972	26,483,438	143,635	1977	25,975,275	628,921
1973	27,056,868	407,134	1978	26,073,590	238,499
1974	25,728,945	476,353	1979	26,342,672	260,464
1975	24,719,492	546,803	1980	22,033,922	113,235

## FREIGHT TRAFFIC, 1980

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN	DOMESTIC			
		IMPORTS	EXPORTS	COASTWISE		LOCAL
				RECEIPTS	SHIPMENTS	
TOTAL	22,033,922	5,192,062	835,615	12,987,087	1,831,352	15,405
0104 OATS	965	-----	965	-----	-----	-----
0107 WHEAT	2,205	-----	2,205	-----	-----	-----
0119 OILSEEDS, NEC	537	93	444	-----	-----	-----
0121 TOBACCO, LEAF	4,713	4,713	-----	-----	-----	-----
0129 FIELD CROPS, NEC	71	27	-----	-----	-----	-----
0131 FRESH FRUITS AND TREE NUTS	1,018	174	801	41	-----	-----
0133 COFFEE	1,099	950	-----	199	-----	-----
0141 FRESH AND FROZEN VEGETABLES	176	176	-----	-----	-----	-----
0161 ANIMALS AND PRODUCTS, NEC	6,769	6,508	261	-----	-----	-----
0191 MISCELLANEOUS FARM PRODUCTS	146	-----	-----	-----	-----	-----
0841 CRUDF RUBBER AND ALLIED GUMS	1,424	1,393	73	-----	-----	-----
0861 FOREST PRODUCTS, NEC	2,000	1,775	225	-----	-----	-----
0911 FRESH FISH, EXCEPT SHELLFISH	99,924	42,071	2,430	20	15,405	-----
0912 SHELLFISH, EXCEPT PREPARED	1,503	946	510	47	-----	-----
1011 IRON ORE AND CONCENTRATES	22	-----	22	-----	-----	-----
1091 ALUMINUM ORES, CONCENTRATES	230	28	202	-----	-----	-----
1091 NONFERROUS ORES, CONCENT, NEC	741	671	70	-----	-----	-----
1121 COAL AND LIGNITE	25	2	-----	23	-----	-----
1311 CRUDE PETROLEUM	33,357	-----	-----	33,357	-----	-----
1411 LIMESTONE	159,615	159,562	53	-----	-----	-----
1442 SAND, GRAVEL, CRUSHED ROCK	841	225	616	-----	-----	-----
1451 CLAY	2,502	1,872	391	239	-----	-----
1491 SALT	33,073	32,712	361	-----	-----	-----
1499 NONMETALLIC MINERALS, NEC	4,503	4,377	126	-----	-----	-----
1911 ORDNANCE AND ACCESSORIES	595	29	526	-----	-----	-----
2011 MEAT, FRESH, CHILLED, FROZEN	6,122	5,884	268	-----	-----	-----
2012 MEAT AND PRODUCTS, NEC	811	854	7	-----	-----	-----
2014 TALLOW, ANIMAL FATS AND OILS	38,696	-----	37,929	767	-----	-----
2015 ANIMAL BY-PRODUCTS, NEC	5,482	5,018	453	11	-----	-----
2021 DAIRY PRODUCTS, NEC	1,352	816	-----	515	21	-----

## NEW ENGLAND DIVISION

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PORT OF BOSTON, MASS.--CONTINUED

FREIGHT TRAFFIC, 1968--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			
		IMPORTS	EXPORTS	COASTWISE		INTERNAL	LOCAL
				RECEIPTS	SHIPMENTS	RECEIPTS	
2031 FISH AND SHELLFISH, PREPARED	3,892	1,893	964	1,639			
2034 VEGETABLES AND PREP, NEC	4,998	3,761	1,121	118			
2039 PREP FRUIT AND VEG JUICE, NEC	4,935	2,749	793	1,033			
2042 PREPARED ANIMAL FEEDS	630	89	601				
2049 GRAIN MILL PRODUCTS, NEC	726	418	78	208	22		
2061 SUGAR	439,967	421,754	1	18,212			
2062 MOLASSES	20,103	13,692		6,411			
2081 ALCOHOLIC BEVERAGES	31,992	36,119	408	19,113			
2081 VEGETABLE OILS, HARG, SHORT	11,964	980	8	11,874		352	
2099 MISCELLANEOUS FOOD PRODUCTS	9,971	4,958	445	350	218		
2111 TOBACCO MANUFACTURES	2	2					
2211 BASIC TEXTILE PRODUCTS	9,846	9,999	3,819	68			
2212 TEXTILE FIBERS, NEC	2,109	1,686	77	346			
2311 APPAREL	1,346	1,194	192				
2411 LOGS	6,236	12	6,224				
2416 WOOD CHIPS, STAVES, HOLDINGS	231	194	37				
2421 LUMBER	43,087	16,313	26,774				
2431 VENEER, PLYWOOD, WORKED WOOD	927	900	27				
2491 WOOD MANUFACTURES, NEC	1,470	945	800	34			
2511 FURNITURE AND FIXTURES	6,079	9,987	426	51	9		
2611 PULP	4,992	19	4,933				
2631 PAPER AND PAPERBOARD	42,709	19,891	26,836	22			
2691 PULP AND PAPER PRODUCTS, NEC	3,197	920	2,637				
2711 PRINTED MATTER	2,337	1,081	1,287				
2810 SODIUM HYDROXIDE	13,689			13,689			
2812 DYES, PIGMENT, TANNING MATS	4,847		695				
2813 ALCOHOLS	4,847		9		4,842		
2819 BASIC CHEMICALS AND PROD, NEC	19,309	6,086	7,440	1,983			
2821 PLASTIC MATERIALS	28,137	6,434	19,637	66			
2822 SYNTHETIC RUBBER	784		784				
2823 SYNTHETIC (MAN-MADE) FIBERS	6,051	6,617	234				
2831 DRUGS	64	40	24				
2841 SOAP	4,928	791	3,776	1			
2891 PAINTS	6,103	9,007	1,096				
2861 GUN AND WOOD CHEMICALS	121	66	55				
2871 NITROGENOUS CHEM FERTILIZERS	79	20	55				
2876 INSECTICIDES, DISINFECTANTS	314	20	294				
2879 FERTILIZER AND MATERIALS, NEC	19	1	14				
2891 MISCELLANEOUS CHEMICAL PROD	6,886	3,938	2,946				
2911 GASOLINE	6,269,169	724,927	82	9,096,398	304,168		145,993
2912 JET FUEL	849,199			723,394	86,512		39,589
2913 KEROSENE	269,181			122,816	133,511		13,492
2914 DISTILLATE FUEL OIL	9,919,191	311,899		4,046,410	737,949		817,933
2919 RESIDUAL FUEL OIL	9,467,420	2,938,293		2,299,642	514,459		155,096
2916 LUBRICATING OILS AND GREASES	39,874	33	2,082	37,740			79
2917 NAPHTHA, PETROLEUM SOLVENTS	25,914			25,914			
2918 ASPHALT, TAR, AND PITCHES	271,206		2	248,369	22,839		
2920 COKE, PETROLEUM COKE	21	21					
2921 LIQUEFIED GASES	614,191	611,876	2,315				
2991 PETROLEUM AND COAL PROD, NEC	36,979		27	17,614	19,334		
3011 RUBBER AND MISC PLASTIC PROD	6,964	3,870	2,443	251			
3111 LEATHER AND LEATHER PRODUCTS	32,632	16,668	19,942	22			
3211 GLASS AND GLASS PRODUCTS	9,712	3,991	1,297	424			
3241 BUILDING CEMENT	248,349		1	248,348			
3291 STRUCTURAL CLAY PRODUCTS	3,920	3,392	968				
3271 LIME	21		19				
3281 CUT STONE AND STONE PRODUCTS	675	670	3				
3291 MISC NONMETALLIC MINERAL PROD	3,280	2,201	978				
3314 IRON AND STEEL PRIMARY FORMS	137		137				
3319 IRON, STEEL SHAPES, EXC SHEET	6,699	4,937	162				
3316 IRON AND STEEL PLATES, SHEETS	742		742				
3317 IRON AND STEEL PIPE AND TUBE	6,166	6,080	38	48			
3318 FERROALLOYS	76	6	68				
3319 IRON AND STEEL PRODUCTS, NEC	6,240	1,694	2,089	2,469			
3321 NONFERROUS METALS, NEC	2,698	2,047	988	22			
3322 COPPER ALLOYS, UNWORKED	3,194	2,901	287	6			
3323 LEAD AND ZINC, UNWORKED	310	1	309				
3324 ALUMINUM AND ALLOYS, UNWORKED	1,196	942	214				
3411 FABRICATED METAL PRODUCTS	27,088	18,214	4,861	4,928	905		
3511 MACHINERY, EXCEPT ELECTRICAL	29,007	19,010	9,118	665	124		
3611 ELECTRICAL MACH AND EQUIP	16,049	8,910	6,901	238			190
3711 MOTOR VEHICLES, PARTS, EQUIP	62,297	61,962	197	473	65		
3721 AIRCRAFT AND PARTS	6		2				
3731 SHIPS AND BOATS	3,722	2,949	253	924			
3791 MISC TRANSPORTATION EQUIPMENT	62		32	4	24		
3811 INSTR, TIME, PHOTO, OPT GOODS	4,380	1,192	9,128				
3911 MISC MANUFACTURED PRODUCTS	10,888	8,128	2,669	19			
4011 IRON AND STEEL SCRAP	976,963		976,963				
4012 NONFERROUS METAL SCRAP	14,621	470	14,150	1			
4022 TEXTILE WASTE, SCRAP, SWEEP	4,999	130	4,497				
4024 PAPER WASTE AND SCRAP	17,482	1,390	16,124				
4112 COMMODITIES, NEC	97,946	1,990	956	48,948	6,383		
9999 DEPARTMENT OF DEFENSE AND SCI	37		37				109

## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

## MAIN WATERFRONT (INCLUDED IN PORT OF BOSTON)

SECTION INCLUDED: FROM A POINT IN PRESIDENT ROADS BETWEEN DEER ISLAND AND LONG ISLAND TO THE MOUTHS OF FT. POINT CHANNEL, CHARLES RIVER, LITTLE MYSTIC RIVER, MYSTIC RIVER, AND CHELSEA RIVER, CONTROLLING DEPTH: 38 FEET IN 40-FOOT CHANNEL TO MYSTIC PIER NO. 1; 33.6 FEET IN THE 35-FOOT AREA AND 38 FEET IN THE 40-FOOT EXTENSION TO PRESIDENT ROADS ANCHORAGE; 37 FEET IN THE 40-FOOT ANCHORAGE, ALL AT MEAN LOW WATER, PROJECT DEPTH: 35 AND 40 FEET FROM PRESIDENT ROADS TO THE MOUTHS OF FT. POINT CHANNELS, CHARLES RIVER, LITTLE MYSTIC RIVER, AND CHELSEA RIVER; 40 FEET IN PRESIDENT ROADS ANCHORAGE AND ANCHORAGE EXTENSIONS; 35 FEET FROM MOUTH OF RESERVED CHANNEL TO L STREET BRIDGE. ALL AT MEAN LOW WATER.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	ADDITIONAL THROUGH TRAFFIC (TONS)	YEAR	TONS	PASSENGERS	ADDITIONAL THROUGH TRAFFIC (TONS)
1971-----	8,127,853	282,123	15,818,934	1976-----	9,387,214	721,227	15,231,563
1972-----	8,345,103	126,821	16,293,340	1977-----	9,152,231	626,671	14,690,286
1973-----	9,895,863	392,956	19,312,702	1978-----	10,195,640	236,249	14,246,342
1974-----	9,031,173	473,095	14,786,072	1979-----	10,344,597	298,214	14,538,606
1975-----	7,989,688	543,891	14,629,280	1980-----	7,415,905	113,235	13,266,774

## FREIGHT TRAFFIC, 1980

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			LOCAL
		IMPORTS	EXPORTS	COASTWISE RECEIPTS	SHIPMENTS	INTERNAL RECEIPTS	
TOTAL-----	7,413,905	2,951,528	334,865	2,908,651	516,017	15,405	687,439
0104 OATS-----	965	---	965	---	---	---	---
0137 WHEAT-----	2,205	---	2,205	---	---	---	---
0139 OILSEEDS, NEC-----	537	93	444	---	---	---	---
0121 TOBACCO, LEAF-----	4,703	4,703	---	---	---	---	---
0129 FIELD CROPS, NEC-----	71	27	---	44	---	---	---
0131 FRESH FRUITS AND TREE NUTS-----	1,016	174	801	41	---	---	---
0133 COFFEE-----	1,099	900	---	199	---	---	---
0141 FRESH AND FROZEN VEGETABLES-----	176	176	---	---	---	---	---
0163 ANIMALS AND PRODUCTS, NEC-----	6,769	6,508	261	---	---	---	---
0191 MISCELLANEOUS FARM PRODUCTS-----	146	146	---	---	---	---	---
0841 CRUDE RUBBER AND ALLIED GUMS-----	1,426	1,393	73	---	---	---	---
0861 FOREST PRODUCTS, NEC-----	2,000	1,775	225	---	---	---	---
0911 FRESH FISH, EXCEPT SHELLFISH-----	30,797	13,300	2,072	---	20	15,405	---
0912 SHELLFISH, EXCEPT PREPARED-----	909	352	510	47	---	---	---
1011 IRON ORE AND CONCENTRATES-----	22	22	---	---	---	---	---
1051 ALUMINUM ORES, CONCENTRATES-----	230	202	28	---	---	---	---
1091 NONFERROUS ORES, CONCENT, NEC-----	740	671	69	---	---	---	---
1121 COAL AND LIGNITE-----	29	2	---	23	---	---	---
1411 LIMESTONE-----	88,298	88,245	53	---	---	---	---
1442 SAND, GRAVEL, CRUSHED ROCK-----	641	225	416	---	---	---	---
1451 CLAY-----	2,496	1,872	389	239	---	---	---
1491 SALT-----	33,073	32,712	361	---	---	---	---
1499 NONMETALLIC MINERALS, NEC-----	4,903	4,377	126	---	---	---	---
1911 ORDNANCE AND ACCESSORIES-----	555	29	526	---	---	---	---
2011 MEAT, FRESH, CHILLED, FROZEN-----	6,122	5,094	268	---	---	---	---
2012 MEAT AND PRODUCTS, NEC-----	811	804	7	---	---	---	---
2014 TALLOW, ANIMAL FATS AND OILS-----	37,856	37,856	---	---	---	---	---
2015 ANIMAL BY-PRODUCTS, NEC-----	5,482	5,018	453	11	---	---	---
2021 DAIRY PRODUCTS, NEC-----	1,352	816	515	915	21	---	---
2031 FISH AND SHELLFISH, PREPARED-----	3,653	1,454	964	1,635	---	---	---
2034 VEGETABLES AND PREP, NEC-----	4,998	3,761	1,121	116	---	---	---
2039 PREP FRUIT AND VEG JUICE, NEC-----	4,535	2,749	753	1,035	---	---	---
2042 PREPARED ANIMAL FEEDS-----	630	29	601	---	---	---	---
2049 GRAIN MILL PRODUCTS, NEC-----	726	418	78	208	22	---	---
2061 SUGAR-----	59,323	59,322	1	---	---	---	---
2062 MOLASSES-----	20,103	13,462	6,641	6,411	---	---	---
2081 ALCOHOLIC BEVERAGES-----	51,990	36,119	406	15,113	352	---	---
2091 VEGETABLE OILS, HARG, SHORT-----	588	560	8	---	---	---	---
2099 MISCELLANEOUS FOOD PRODUCTS-----	5,571	4,358	449	350	218	---	---
2111 TOBACCO MANUFACTURES-----	2	2	---	---	---	---	---
2211 BASIC TEXTILE PRODUCTS-----	9,790	5,959	3,763	68	---	---	---
2212 TEXTILE FIBERS, NEC-----	2,189	1,686	77	346	---	---	---
2311 APPAREL-----	1,344	1,194	150	---	---	---	---
2411 LOGS-----	6,083	12	6,071	---	---	---	---
2416 WOOD CHIPS, STAVES, HOLDINGS-----	231	194	37	---	---	---	---
2421 LUMBER-----	42,487	16,313	26,174	---	---	---	---
2431 VENEER, PLYWOOD, WORKED WOOD-----	927	500	27	---	---	---	---
2491 WOOD MANUFACTURES, NEC-----	1,473	943	494	34	---	---	---
2511 FURNITURE AND FIXTURES-----	6,079	5,597	426	---	---	---	---
2611 PULP-----	6,952	19	4,933	---	---	---	---
2631 PAPER AND PAPERBOARD-----	42,817	15,891	26,644	22	---	---	---
2691 PULP AND PAPER PRODUCTS, NEC-----	3,155	300	2,638	---	---	---	---
2711 PRINTED MATTER-----	2,361	1,081	1,280	---	---	---	---
2812 DYES, PIGMENT, TANNING MATS-----	693	---	693	---	---	---	---
2813 ALCOHOLS-----	5	---	5	---	---	---	---
2819 BASIC CHEMICALS AND PROD, NEC-----	10,778	3,215	7,409	194	---	---	---
2821 PLASTIC MATERIALS-----	28,070	8,434	19,979	66	---	---	---
2822 SYNTHETIC RUBBER-----	784	---	784	---	---	---	---
2823 SYNTHETIC (MAN-MADE) FIBERS-----	6,833	6,617	216	---	---	---	---
2831 DRUGS-----	64	40	24	---	---	---	---
2841 SOAP-----	4,911	781	3,759	1	---	---	---
2891 PAINTS-----	6,183	5,007	1,096	---	---	---	---
2861 GUM AND WOOD CHEMICALS-----	221	68	55	---	---	---	---
2871 NITROGENOUS CHEM FERTILIZERS-----	75	20	55	---	---	---	---
2876 INSECTICIDES, DISINFECTANTS-----	314	20	294	---	---	---	---
2879 FERTILIZER AND MATERIALS, NEC-----	15	---	15	---	---	---	---
2891 MISCELLANEOUS CHEMICAL PROD-----	6,863	3,938	2,925	---	---	---	---
2911 GASOLINE-----	1,124,270	259,923	82	884,078	19,254	---	29,933
2912 JET FUEL-----	121,012	---	---	88,336	5,635	---	27,041

## NEW ENGLAND DIVISION

9

MAIN WATERFRONT (INCLUDED IN PORT OF BOSTON)--CONTINUED

FREIGHT TRAFFIC, 1966--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL	
				RECEIPTS	SHIPMENTS	RECEIPTS	
2013 KEROSENE-----	2,703	-----	-----	-----	522	-----	2,181
2014 DISTILLATE FUEL OIL-----	2,187,814	280,471	-----	1,224,971	166,193	-----	496,179
2019 RESIDUAL FUEL OIL-----	2,799,349	1,690,562	-----	690,936	326,080	-----	131,767
2016 LUBRICATING OILS AND GREASES-----	2,077	33	1,965	-----	-----	-----	79
2018 ASPHALT, TAR, AND PITCHES-----	2	-----	2	-----	-----	-----	-----
2020 COKE, PETROLEUM COKE-----	21	21	-----	-----	-----	-----	-----
2021 LIQUEFIED GASES-----	229,488	223,173	2,315	-----	-----	-----	-----
2091 PETROLEUM AND COAL PROD, NEC-----	27	-----	27	-----	-----	-----	-----
3011 RUBBER AND MISC PLASTIC PROD-----	6,533	3,870	2,412	251	-----	-----	-----
3111 LEATHER AND LEATHER PRODUCTS-----	32,966	16,666	19,876	22	-----	-----	-----
3211 GLASS AND GLASS PRODUCTS-----	9,712	3,991	1,897	424	-----	-----	-----
3241 BUILDING CEMENT-----	-----	-----	1	-----	-----	-----	-----
3251 STRUCTURAL CLAY PRODUCTS-----	3,420	3,392	966	-----	-----	-----	-----
3271 LIME-----	21	-----	19	2	-----	-----	-----
3281 CUT STONE AND STONE PRODUCTS-----	673	670	3	-----	-----	-----	-----
3291 MISC NONMETALLIC MINERAL PROD-----	3,277	2,291	975	11	-----	-----	-----
3314 IRON AND STEEL PRIMARY FORMS-----	137	-----	137	-----	-----	-----	-----
3319 IRON, STEEL SHAPES, EXC SHEET-----	4,699	4,537	162	-----	-----	-----	-----
3316 IRON AND STEEL PLATES, SHEETS-----	742	-----	742	-----	-----	-----	-----
3317 IRON AND STEEL PIPE AND TUBE-----	6,166	6,080	38	48	-----	-----	-----
3318 FERROALLOYS-----	76	8	68	-----	-----	-----	-----
3319 IRON AND STEEL PRODUCTS, NEC-----	4,766	1,694	803	2,469	-----	-----	-----
3321 NONFERROUS METALS, NEC-----	2,497	2,047	988	22	-----	-----	-----
3322 COPPER ALLOYS, UNWORKED-----	3,193	2,901	286	6	-----	-----	-----
3323 LEAD AND ZINC, UNWORKED-----	310	1	309	-----	-----	-----	-----
3324 ALUMINUM AND ALLOYS, UNWORKED-----	1,196	942	214	-----	-----	-----	-----
3411 FABRICATED METAL PRODUCTS-----	22,970	18,214	4,626	28	108	-----	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	24,833	19,006	9,038	515	124	-----	150
3611 ELECTRICAL MACH AND EQUIP-----	14,089	6,910	6,861	238	-----	-----	-----
3711 MOTOR VEHICLES, PARTS, EQUIP-----	62,295	61,562	195	473	69	-----	-----
3721 AIRCRAFT AND PARTS-----	4	4	2	-----	-----	-----	-----
3731 SHIPS AND BOATS-----	3,721	2,945	252	524	-----	-----	-----
3791 MISC TRANSPORTATION EQUIPMENT-----	62	-----	32	6	24	-----	-----
3811 INSTR, TIME, PHOTO, OPT GOODS-----	6,382	1,192	5,110	-----	-----	-----	-----
3911 MISC MANUFACTURED PRODUCTS-----	10,792	8,120	2,697	15	-----	-----	-----
4011 IRON AND STEEL SCRAP-----	79,895	-----	79,895	-----	-----	-----	-----
4012 NONFERROUS METAL SCRAP-----	14,621	470	14,150	1	-----	-----	-----
4022 TEXTILE WASTE, SCRAP, SWEEP-----	4,474	138	4,336	-----	-----	-----	-----
4024 PAPER WASTE AND SCRAP-----	17,370	1,388	16,012	-----	-----	-----	-----
4112 COMMODITIES, NEC-----	57,945	1,990	956	48,948	6,382	-----	109
9999 DEPARTMENT OF DEFENSE AND SCI-----	37	-----	37	-----	-----	-----	-----
TOTAL TON-MILES, 90,975,570.							

CHELSEA RIVER, MASS; (INCLUDED IN PORT OF BOSTON)

SECTION INCLUDED: FROM MOUTH TO ABOUT 2.6 MILES UPSTREAM, CONTROLLING DEPTH: FROM MCARDLE BRIDGE TO CHELSEA ST. BRIDGE 33.0 FEET; FROM CHELSEA ST. BRIDGE TO TURNING BASIN 39 FEET. PROJECT DEPTH: 39 FEET AT MEAN LOW WATER FROM THE MOUTH OF THE RIVER TO A POINT OPPOSITE THE MARTEL OIL COMPANY TERMINAL.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1971-----	9,081,582	---	1976-----	7,844,799	---
1972-----	9,747,199	96	1977-----	7,339,910	---
1973-----	8,017,097	---	1978-----	7,439,786	---
1974-----	8,104,560	---	1979-----	7,899,831	---
1975-----	8,465,238	---	1980-----	7,203,802	---

FREIGHT TRAFFIC, 1960

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN IMPORTS	DOMESTIC COASTWISE		LOCAL
			RECEIPTS	SHIPMENTS	
TOTAL-----	7,203,802	981,683	5,514,736	213,763	579,766
0011 FRESH FISH, EXCEPT SHELLFISH-----	36	36			
1311 CRUDE PETROLEUM-----	33,397		33,397		
1411 LIMESTONE-----	23,490	23,490			
2001 SUGAR-----	236,769	236,769			
2019 BASIC CHEMICALS AND PROD. NEC-----	2,871	2,871			
2011 GASOLINE-----	3,104,137	87,399	2,834,681	40,476	141,585
2012 JET FUEL-----	495,818		462,928	10,675	18,723
2013 KEROSENE-----	104,758		41,827	91,660	11,271
2014 DISTILLATE FUEL OIL-----	1,967,488		1,221,382	21,698	324,208
2019 RESIDUAL FUEL OIL-----	1,503,166	487,242	859,562	78,454	77,908
2016 LUBRICATING OILS AND GREASES-----			37,761		11
2018 ASPHALT, TAR, AND PITCHES-----	6,945		6,945		
2021 LIQUEFIED GASES-----	63,799	63,799			
2091 PETROLEUM AND COAL PROD. NEC-----	27,296		16,896	10,400	
3411 FABRICATED METAL PRODUCTS-----	488			488	
3511 MACHINERY, EXCEPT ELECTRICAL-----	1	1			
TOTAL TON-MILES, 17,426,869.					



## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

MYSTIC RIVER, MASS. (INCLUDED IN PORT OF BOSTON)

SECTION INCLUDED: FROM MOUTH OF RIVER TO CRADDOCK BRIDGE, MEDFORD, MASS. CONTROLLING DEPTH: FROM MYSTIC BRIDGE TO ESSO DOCK 33 FEET; FROM ESSO DOCK TO AMERICAN SUGAR REFINERY DOCK 33 FEET; FROM AMERICAN SUGAR REFINERY DOCK TO UPSTREAM LIMIT OF 35 FT. CHANNEL, 27 FEET; 13 FEET IN 20-FOOT CHANNEL; 6 FEET IN 6-FOOT CHANNEL; 4 FEET IN 4 FOOT CHANNEL BUT NARROWED IN WIDTH. PROJECT DEPTH: CHANNEL 35 FEET DEEP EXTENDING FROM THE UPPER LIMIT IN 35-FOOT CHANNEL OF BOSTON HARBOR TO 100 FEET DOWNSTREAM OF MALDEN BRIDGE BRANCH CHANNELS RANGE FROM 4 TO 20 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	ADDITIONAL THROUGH TRAFFIC (TONS)	YEAR	TONS	PASSENGERS	ADDITIONAL THROUGH TRAFFIC (TONS)
1971-----	8,411,185	82	29,587	1976-----	8,138,442	248	43,792
1972-----	7,645,375	92	-----	1977-----	8,032,289	-----	67,200
1973-----	7,895,722	642	87,849	1978-----	7,258,365	-----	84,540
1974-----	7,521,836	714	119,106	1979-----	7,478,569	-----	78,825
1975-----	7,487,513	176	77,159	1980-----	8,809,595	-----	68,000

## FREIGHT TRAFFIC, 1980

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	
TOTAL-----	6,809,595	1,216,832	500,750	3,505,195	1,081,042	585,774
0121 TOBACCO, LEAF-----	10	10	-----	-----	-----	-----
0911 FRESH FISH, EXCEPT SHELLFISH-----	29,093	28,735	358	-----	-----	-----
0912 SHELLFISH, EXCEPT PREPARED-----	594	594	-----	-----	-----	-----
1091 NONFERROUS ORES, CONCENT, NEC-----	1	-----	1	-----	-----	-----
1411 LIMESTONE-----	47,827	47,827	-----	-----	-----	-----
1491 CLAY-----	6	-----	-----	-----	-----	-----
2014 TALLOW, ANIMAL FATS AND OILS-----	35	-----	73	-----	-----	-----
2031 FISH AND SHELLFISH, PREPARED-----	199	-----	-----	-----	-----	-----
2081 SUGAR-----	143,895	125,663	-----	18,232	-----	-----
2084 ALCOHOLIC BEVERAGES-----	2	-----	-----	-----	-----	-----
2211 BASIC TEXTILE PRODUCTS-----	96	-----	96	-----	-----	-----
2311 APPAREL-----	2	-----	-----	-----	-----	-----
2411 LOGS-----	153	-----	153	-----	-----	-----
2421 LUMBER-----	600	-----	-----	-----	-----	-----
2491 WOOD MANUFACTURES, NEC-----	6	-----	6	-----	-----	-----
2631 PAPER AND PAPERBOARD-----	192	-----	192	-----	-----	-----
2691 PULP AND PAPER PRODUCTS, NEC-----	2	-----	-----	-----	-----	-----
2711 PRINTED MATTER-----	7	-----	7	-----	-----	-----
2812 DYES, PIGMENT, TANNING MATS-----	2	-----	-----	-----	-----	-----
2819 BASIC CHEMICALS AND PROD, NEC-----	31	-----	31	-----	-----	-----
2821 PLASTIC MATERIALS-----	99	-----	99	-----	-----	-----
2823 SYNTHETIC (MAN-MADE) FIBERS-----	18	-----	18	-----	-----	-----
2844 SOAP-----	17	-----	17	-----	-----	-----
2891 MISCELLANEOUS CHEMICAL PROD-----	21	-----	21	-----	-----	-----
2911 GASOLINE-----	1,472,923	316,815	-----	863,972	253,435	39,501
2912 JET FUEL-----	267,481	-----	-----	172,936	70,202	24,741
2913 KEROSENE-----	165,247	-----	-----	72,323	81,331	11,593
2914 DISTILLATE FUEL OIL-----	2,250,247	33,380	-----	1,264,360	546,565	405,934
2915 RESIDUAL FUEL OIL-----	1,118,170	339,494	-----	654,990	97,736	23,950
2916 LUBRICATING OILS AND GREASES-----	94	-----	37	-----	-----	57
2917 NAPHTHA, PETROLEUM SOLVENTS-----	25,914	-----	-----	25,914	-----	-----
2918 ASPHALT, TAR, AND BITUMENS-----	264,659	-----	-----	241,820	22,839	-----
2921 LIQUEFIED GASES-----	324,904	324,904	-----	-----	-----	-----
2991 PETROLEUM AND COAL PROD, NEC-----	9,652	-----	-----	718	8,934	-----
3011 RUBBER AND MISC PLASTIC PROD-----	31	-----	31	-----	-----	-----
3111 LEATHER AND LEATHER PRODUCTS-----	66	-----	66	-----	-----	-----
3241 BUILDING CEMENT-----	188,348	-----	-----	188,348	-----	-----
3291 MISC NONMETALLIC MINERAL PROD-----	3	-----	-----	-----	-----	-----
3319 IRON AND STEEL PRODUCTS, NEC-----	1,482	-----	1,482	-----	-----	-----
3321 NONFERROUS METALS, NEC-----	1	-----	-----	-----	-----	-----
3322 COPPER ALLOYS, UNWORKED-----	1	-----	-----	-----	-----	-----
3411 FABRICATED METAL PRODUCTS-----	33	-----	33	-----	-----	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	83	-----	80	-----	-----	-----
3611 ELECTRICAL MACH AND EQUIP-----	40	-----	40	-----	-----	-----
3711 MOTOR VEHICLES, PARTS, EQUIP-----	2	-----	2	-----	-----	-----
3731 SHIPS AND BOATS-----	1	-----	-----	-----	-----	-----
3811 INSTR, TIME, PHOTO, OPT GOODS-----	18	-----	18	-----	-----	-----
3911 MISC MANUFACTURED PRODUCTS-----	8	-----	-----	-----	-----	-----
4011 IRON AND STEEL SCRAP-----	497,108	-----	497,108	-----	-----	-----
4022 TEXTILE WASTE, SCRAP, SWEEP-----	121	-----	121	-----	-----	-----
4024 PAPER WASTE AND SCRAP-----	112	-----	112	-----	-----	-----
TOTAL TON-MILES-----	6,905,692	-----	-----	-----	-----	-----

## NEW ENGLAND DIVISION

11

## MEYMOUTH FORD RIVER, MASS. (INCLUDED IN PORT OF BOSTON)

SECTION INCLUDED: FROM MOUTH TO HEAD OF NAVIGATION. CONTROLLING DEPTH: 35 FEET IN THE 35-FOOT CHANNEL EXCEPT 33 FEET AT SIPHON OPPOSITE KING COVE. PROJECT DEPTH: 35 FEET FROM DEEP WATER IN BOSTON HARBOR VIA NANTUCKET CUT AND WINGHAM BAY TO A POINT ABOUT 2,500 FEET ABOVE FORD RIVER BRIDGE; 27 FEET IN CHANNEL BETWEEN NUT AND PEDDOCKS ISLANDS.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	ADDITIONAL THROUGH TRAFFIC (TONS)	YEAR	TONS	PASSENGERS	ADDITIONAL THROUGH TRAFFIC (TONS)
1971-----	1,037,792	119,597	706,030	1976-----	1,202,391	166,290	598,119
1972-----	1,099,396	3,378	609,248	1977-----	1,741,508	158,276	482,357
1973-----	1,282,510	84,087	947,532	1978-----	1,416,530	7,504	459,182
1974-----	1,217,811	136,582	650,942	1979-----	1,181,695	2,711	335,232
1975-----	1,333,516	132,563	591,197	1980-----	1,054,736	386	529,097

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## FREIGHT TRAFFIC, 1980

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN	DOMESTIC		LOCAL
		IMPORTS	COASTWISE		
			RECEIPTS	SHIPMENTS	
TOTAL-----	1,054,736	61,194	774,046	20,530	198,966
2014 TALLOW, ANIMAL FATS AND OILS-----	767		767		
2091 VEGETABLE OILS, MARG, SHORT-----	11,376		11,376		
2010 SODIUM HYDROXIDE-----	13,685		13,685		
2013 ALCOHOLS-----	4,842			4,842	
2019 BASIC CHEMICALS AND PROD. NEC-----	1,629		1,629		
2011 GASOLINE-----	677,195	61,194	567,667		48,334
2014 DISTILLATE FUEL OIL-----	298,543		122,248	3,493	132,802
2019 RESIDUAL FUEL OIL-----	82,193		52,174	12,189	17,830
3411 FABRICATED METAL PRODUCTS-----	4,505		4,500	5	
4112 COMMODITIES, NEC-----	1			1	
TOTAL TON-MILES, 12,047,091.					

## TOWN RIVER, MASS. (INCLUDED IN PORT OF BOSTON)

SECTION INCLUDED: FROM CONFLUENCE WITH MEYMOUTH FORD RIVER, FOR ABOUT 1.5 MILES TO HEAD OF NAVIGATION. CONTROLLING DEPTH: 34 FEET IN THE 35 FOOT CHANNEL; TO THE DOWNSTREAM END OF BAKER'S BASIN LIMIT; AND 34 FEET IN THE 35 FOOT TURNING BASIN. PROJECT DEPTH: 35 FEET AT MEAN LOW WATER FROM MEYMOUTH FORD RIVER TO QUINCY OIL COMPANY TERMINAL, WITH A TURNING BASIN OF 35 FEET DEPTH; THENCE 15 FEET TO JUST BELOW QUINCY LIGHT & POWER COMPANY PLANT.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971-----	682,637	1976-----	601,507
1972-----	612,755	1977-----	482,351
1973-----	947,532	1978-----	459,182
1974-----	650,942	1979-----	338,938
1975-----	591,180	1980-----	535,847

## FREIGHT TRAFFIC, 1980

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN IMPORTS	DOMESTIC	
			COASTWISE	
			RECEIPTS	LOCAL
TOTAL-----	535,847	60,905	224,465	250,477
2912 JET FUEL-----	8,673			8,673
2913 KEROSENE-----	8,066		8,066	
2914 DISTILLATE FUEL OIL-----	497,805		216,249	241,556
2919 RESIDUAL FUEL OIL-----	61,193	60,905		248
3911 MACHINERY, EXCEPT ELECTRICAL-----	190		190	
TOTAL TON-MILES, 535,997.				

## CAPE COD CANAL, MASS.

SECTION INCLUDED: ENTIRE LENGTH 17.5 MILES; EXTENDING FROM THE OUTER END OF THE NORTHERLY BREAKWATER IN CAPE COD BAY TO A POINT IN BUZZARDS BAY ABOUT 5 MILES SOUTHWEST OF WINGS NECK LIGHT. CONTROLLING DEPTH: 32 FEET IN THE LAND CUT; 32 FEET IN HOG ISLAND CHANNEL; 32 FEET IN CLEVELAND LEDGE CHANNEL, BRANCH CHANNEL 15 FEET; EAST BOAT BASIN: 8 FEET IN THE 8 FOOT SECTION, 12 FEET IN THE 13 FOOT SECTION. PROJECT CHANNEL DEPTH: 32 FEET AT MEAN LOW WATER.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1971-----	12,783,632	29,866	1976-----	13,016,499	7,866
1972-----	13,633,227	18,233	1977-----	11,281,127	8,711
1973-----	13,651,555	26,433	1978-----	12,226,618	1,435
1974-----	13,193,812	24,530	1979-----	11,247,610	497
1975-----	11,485,227	29,324	1980-----	13,459,452	19,608

## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

CAPE COD CANAL, MASS.--CONTINUED

FREIGHT TRAFFIC, 1980

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC	
		EASTBOUND	WESTBOUND	EASTBOUND	WESTBOUND
TOTAL	13,499,492	741,947	2,310,948	8,391,096	2,015,861
0120 FIELD CROPS, NEC	44			44	
0131 FRESH FRUITS AND TREE NUTS	41			41	
0133 COFFEE	199			199	
0911 FRESH FISH, EXCEPT SHELLFISH	36,152	1,032	28,159		6,965
0912 SHELLFISH, EXCEPT PREPARED	47			47	
1001 NONFERROUS ORES, CONCENT, NEC	7,350		7,350		
1121 COAL AND LIGNITE	71,217			71,217	
1311 CRUDE PETROLEUM	34,920			34,920	
1451 CLAY	259			259	
1491 SALT	12,023		11,590		433
1494 GYPSUM, CRUDE AND PLASTERS	35,482		34,338		1,144
2011 MEAT, FRESH, CHILLED, FROZEN	707		707		
2014 TALLOW, ANIMAL FATS AND OILS	17,648	3,431	13,490		767
2015 ANIMAL BY-PRODUCTS, NEC	11			11	
2021 DAIRY PRODUCTS, NEC	536			536	
2031 FISH AND SHELLFISH, PREPARED	1,635			1,635	
2034 VEGETABLES AND PREP, NEC	116			116	
2039 PREP FRUIT AND VEG JUICE, NEC	1,033			1,033	
2049 GRAIN MILL PRODUCTS, NEC	230			230	
2061 SUGAR	5,330		5,330		
2062 MOLASSES	11,225	6,967		4,258	
2081 ALCOHOLIC BEVERAGES	15,465			15,113	352
2091 VEGETABLE OILS, MARG, SHORT	11,376			11,376	
2099 MISCELLANEOUS FOOD PRODUCTS	568			568	
2211 BASIC TEXTILE PRODUCTS	68			68	
2212 TEXTILE FIBERS, NEC	346			346	
2414 TIMBER, POSTS, POLES, PILING	1			1	
2421 LUMBER	19,092		19,092		
2491 WOOD MANUFACTURES, NEC	234			34	200
2511 FURNITURE AND FIXTURES	54			51	5
2631 PAPER AND PAPERBOARD	22			22	
2810 SODIUM HYDROXIDE	22,474			19,863	2,611
2811 CRUDE TAR, OIL, GAS PRODUCTS	24,013			24,013	
2813 ALCOHOLS	4,050			266	3,784
2816 SULPHURIC ACID	11,739		11,739		
2819 BASIC CHEMICALS AND PROD, NEC	31,735			11,472	20,263
2821 PLASTIC MATERIALS	66			66	
2841 SOAP	1			1	
2911 GASOLINE	3,890,950	17,602	78,782	3,467,020	327,546
2912 JET FUEL	174,289	17,715		126,746	29,828
2913 KEROSENE	71,796			28,782	43,014
2914 DISTILLATE FUEL OIL	1,883,359	85,914		1,650,434	167,011
2915 RESIDUAL FUEL OIL	3,036,298	182,798	1,079,303	1,228,392	545,805
2916 LUBRICATING OILS AND GREASES	63,199			40,895	22,544
2917 NAPHTHA, PETROLEUM SOLVENTS	39,188			4,020	35,168
2918 ASPHALT, TAR, AND PITCHES	370,362			327,802	42,560
2921 LIQUEFIED GASES	28,278	9,892		19,186	
2991 PETROLEUM AND COAL PROD, NEC	929,143		9,529	734,725	184,889
3011 RUBBER AND MISC PLASTIC PROD	251			251	
3111 LEATHER AND LEATHER PRODUCTS	22			22	
3211 GLASS AND GLASS PRODUCTS	424			424	
3241 BUILDING CEMENT	295,491			295,491	
3271 LIME	2			2	
3291 MISC NONMETALLIC MINERAL PROD	223,156	16,400	206,745	11	
3315 IRON, STEEL SHAPES, EXC SHEET	10,015	8,809	926		280
3317 IRON AND STEEL PIPE AND TUBE	48			48	
3319 IRON AND STEEL PRODUCTS, NEC	2,728			2,469	259
3321 NONFERROUS METALS, NEC	22			22	
3322 COPPER ALLOYS, UNWORKED	6			6	
3411 FABRICATED METAL PRODUCTS	11,025		3,342	4,703	2,980
3511 MACHINERY, EXCEPT ELECTRICAL	8,356		354	1,395	6,607
3611 ELECTRICAL MACH AND EQUIP	948			948	
3711 MOTOR VEHICLES, PARTS, EQUIP	33,139	1,604	31,002	468	65
3731 SHIPS AND BOATS	315			315	
3791 MISC TRANSPORTATION EQUIPMENT	286			6	280
3911 MISC MANUFACTURED PRODUCTS	15			15	
4011 IRON AND STEEL SCRAP	52,785		52,785		
4012 NONFERROUS METAL SCRAP	15,540		15,539		1
4029 WASTE AND SCRAP, NEC	19,800				
4112 COMMODITIES, NEC	1,920,510	370,883	700,930	277,743	971,460
TOTAL TON-MILES	239,261,533				

## FALL RIVER HARBOR, MASS.

SECTION INCLUDED: FROM THE A. V. S. M. & H. R. BRIDGE BETWEEN AQUIDNECK ISLAND AND TIVERTON IN A NORTHERLY DIRECTION TO TREBLE PIER LIGHT IN THE TAUNTON RIVER. CONTROLLING DEPTH: 33 FEET WITH SHOALING ON LIMITS IN THE 39-FOOT CHANNEL, 400 FEET WIDE THROUGH MOUNT HOPE BAY TO THE PRAGA BRIDGE; THENCE 30 FEET IN THE 35-FOOT CHANNEL TO THE WHARVES ABOVE THE BRIDGE; 28 FEET IN THE WEST HALF OF THE 35-FOOT TURNING BASIN; DREDGING IN PROGRESS, PROJECT DEPTH: 40 FEET IN CHANNEL AND TURNING BASIN; 40 FEET ON LOWER END OF MOC ISLAND SHOAL.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1971	3,970,302	2,400	1976	6,739,073	
1972	4,300,819	98	1977	5,289,473	
1973	4,625,362		1978	4,826,427	60
1974	5,122,188		1979	4,796,674	
1975	4,834,303	746	1980	4,864,481	

## NEW ENGLAND DIVISION

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FALL RIVER HARBOR, MASS.--CONTINUED

FREIGHT TRAFFIC, 1980

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL-----	4,864,481	727,882	12	2,792,676	78,346	1,147,948	56,743	9,076
0841 CRUDE RUBBER AND ALLIED GUMS-----	9,681	9,681						
0911 FRESH FISH, EXCEPT SHELLFISH-----	226	226						
0912 SHELLFISH, EXCEPT PREPARED-----	1,901	17				1,484		
1121 COAL AND LIGNITE-----	640,495			640,495				
1131 CRUDE PETROLEUM-----	48,600			48,600				
2031 FISH AND SHELLFISH, PREPARED-----	190	190						
2810 SODIUM HYDROXIDE-----	12,559			12,559				
2810 SULPHURIC ACID-----	20,200			20,200				
2819 BASIC CHEMICALS AND PROD, NEC-----	11,678	11,678						
2911 GASOLINE-----	876,362	28,872		842,939			4,555	
2912 JET FUEL-----	37,546			37,546				
2913 KEROSENE-----	17,957			11,642	561		5,754	
2914 DISTILLATE FUEL OIL-----	414,320			268,314	92,789	37,711	46,434	9,076
2915 RESIDUAL FUEL OIL-----	2,307,412	646,950		934,709	17,000	1,108,753		
2916 LUBRICATING OILS AND GREASES-----	15,530			15,530				
2917 NAPHTHA, PETROLEUM SOLVENTS-----	399,942			399,942				
2918 ASPHALT, TAR, AND PITCHES-----	30,266	30,266						
3011 RUBBER AND MISC PLASTIC PROD-----	4		4					
3291 MISC NONMETALLIC MINERAL PROD-----	2		2					
3511 MACHINERY, EXCEPT ELECTRICAL-----	6		6					
4112 COMMODITIES, NEC-----	2	2						
TOTAL TON-MILES, 34,935,610.								

PROVIDENCE RIVER AND HARBOR, R. I.

SECTION INCLUDED: THE UPPER PART OF THE HARBOR FROM POPHAM ROCKS LIGHT TO RED BRIDGE ACROSS SEEKONK RIVER ON THE NORTHEAST AND TO CRAWFORD STREET BRIDGE ON THE NORTH, CONTROLLING DEPTH: 40 FEET IN THE 40-FOOT CHANNEL FROM ABREAST NORTH POINT TO SABIN POINT LIGHT; THENCE 38 FEET FROM SABIN POINT TO HEAD OF HARBOR. PROJECT DEPTH: AT MEAN LOW WATER, 40 FEET TO FOX POINT.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	ADDITIONAL TRAFFIC		YEAR	TONS	PASSENGERS	ADDITIONAL TRAFFIC	
			THROUGH TRAFFIC (TONS)	AUTOMOBILES ACCOMPANYING PASSENGERS				THROUGH TRAFFIC (TONS)	AUTOMOBILES ACCOMPANYING PASSENGERS
1971	8,762,293	30,088	45,888	256	1976	8,578,297	16,086	49,037	264
1972	9,200,386	28,269	222,882	172	1977	8,624,318	27,326	18,169	294
1973	10,236,062	20,120	219,646	226	1978	8,459,495	24,660		240
1974	8,856,218	23,110	132,794	168	1979	8,579,917	29,644		93
1975	8,266,295	29,960	64,186	234	1980	7,509,253	31,304		216

FREIGHT TRAFFIC, 1980

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL-----	7,509,253	718,359	597,590	5,810,219	222,821	63,784	46,430	50,054
1311 CRUDE PETROLEUM-----	10,873			10,107	766			
2031 FISH AND SHELLFISH, PREPARED-----	67	67						
2034 VEGETABLES AND PREP, NEC-----	105	105						
2040 GRAIN MILL PRODUCTS, NEC-----	4	4						
2311 APPAREL-----	1	1						
2421 LUMBER-----	36,834	36,834						
2911 FURNITURE AND FIXTURES-----	1	1						
2711 PRINTED MATTER-----	1	1						
2810 SODIUM HYDROXIDE-----	4,599			4,599				
2819 BASIC CHEMICALS AND PROD, NEC-----	5,905	5,905						
2821 PLASTIC MATERIALS-----	63	2	61					
2911 GASOLINE-----	2,767,009	106,285		2,615,503	37,199	4,555		3,547
2912 JET FUEL-----	8,682			8,682				
2913 KEROSENE-----	42,035			49,903	6,378	5,754		
2914 DISTILLATE FUEL OIL-----	1,984,005	19,067		1,763,530	108,314	42,271	38,753	16,070
2915 RESIDUAL FUEL OIL-----	1,274,107	301,391		855,011	68,427	11,204	7,677	30,437
2916 LUBRICATING OILS AND GREASES-----	90,317			90,317				
2917 NAPHTHA, PETROLEUM SOLVENTS-----	44,339			44,339				
2918 ASPHALT, TAR, AND PITCHES-----	292,819	39,725		211,746	548			
2921 LIQUEFIED GASES-----	34,178	34,178						
2991 PETROLEUM AND COAL PROD, NEC-----	7,389			7,389				
3241 BUILDING CEMENT-----	189,093			189,093				
3315 IRON, STEEL SHAPES, EXC SHEET-----	100,663	100,663						
3316 IRON AND STEEL PLATES, SHEETS-----	39	39						
3317 IRON AND STEEL PIPE AND TUBE-----	9,611	9,611						
3318 FERROALLOYS-----	4,428		4,428					
3319 IRON AND STEEL PRODUCTS, NEC-----	23	23						
3324 ALUMINUM AND ALLOYS, UNWORKED-----	268	268						
3411 FABRICATED METAL PRODUCTS-----	196	196						
3511 MACHINERY, EXCEPT ELECTRICAL-----	27	27						
3611 ELECTRICAL MACH AND EQUIP-----	192	147	5					
3711 MOTOR VEHICLES, PARTS, EQUIP-----	71,726	71,726						
3721 AIRCRAFT AND PARTS-----	220	220						

## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

PROVIDENCE RIVER AND HARBOR, R. I.--CONTINUED

FREIGHT TRAFFIC, 1980--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
3731 SHIPS AND BOATS-----	11		11					
3811 INSTR, TIME, PHOTO, OPT GOODS-----	5	5						
3911 MISC MANUFACTURED PRODUCTS-----	28	28						
4011 IRON AND STEEL SCRAP-----	593,075		593,075					
4022 TEXTILE WASTE, SCRAP, SWEEP-----	10		10					
4112 COMMODITIES, NEC-----	1,189				1,189			
TOTAL TON-MILES, 67,965,119.								

NEW LONDON HARBOR, CONN:

SECTION INCLUDED: THE UPPER 2.2 MILES OF THE HARBOR, INCLUDING SHAW'S COVE AND WINTHROP COVE AND ENDING AT A POINT ABOUT 400 FEET ABOVE THE RAILROAD BRIDGE. CONTROLLING DEPTHS: 31.0 FEET IN LEFT QUARTER, 33.0 FEET IN MIDDLE HALF AND 29.0 FEET IN RIGHT QUARTER OF THE ENTRANCE CHANNEL FROM LONG ISLAND SOUND TO 600 SEAWARD OF HIGHWAY BRIDGE; 20.0 FEET IN WATERFRONT CHANNEL. BRANCH CHANNELS RANGE FROM 13 TO 20 FEET. PROJECT DEPTH: 33 FEET IN MAIN CHANNEL, 23 FEET IN CHANNEL ALONG NEW LONDON WATERFRONT, BRANCH CHANNELS RANGE FROM 19 TO 23 FEET. ALL AT MEAN LOW WATER.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	ADDITIONAL TRAFFIC		YEAR	TONS	PASSENGERS	ADDITIONAL TRAFFIC	
			THROUGH TRAFFIC (TONS)	AUTOMOBILES ACCOMPANYING PASSENGERS				THROUGH TRAFFIC (TONS)	AUTOMOBILES ACCOMPANYING PASSENGERS
1971-----	3,883,247	323,043	499,109	77,929	1976-----	3,342,238	319,405	427,094	89,558
1972-----	5,352,989	716,680	449,399	74,666	1977-----	2,649,757	339,032	424,833	95,629
1973-----	5,580,248	442,436	536,171	84,826	1978-----	2,839,429	331,339	379,305	97,665
1974-----	4,578,685	235,825	586,167	74,605	1979-----	3,157,709	229,915	328,207	66,550
1975-----	3,480,918	120,074	452,966	17,849	1980-----	2,529,841	267,226	517,171	68,274

FREIGHT TRAFFIC, 1980

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL-----	2,529,841	127,768	16,804	1,297,238	860,373	899	223,096	2,863
0161 ANIMALS AND PRODUCTS, NEC-----	41	41						
0912 SHELLFISH, EXCEPT PREPARED-----	17					17		
1311 CRUDE PETROLEUM-----	44,089			44,089				
2034 VEGETABLES AND PREP, NEC-----	19	19						
2062 MOLASSES-----	57,466	11,701			45,765			
2421 LUMBER-----	358	358						
2431 VENEER, PLYWOOD, WORKED WOOD-----	12,483	12,483						
2611 PULP-----	21,086	21,086						
2631 PAPER AND PAPERBOARD-----	15,776	223	15,993					
2810 SODIUM HYDROXIDE-----	4,925			4,925				
2818 SULPHURIC ACID-----	18,401			12,266	6,135			
2819 BASIC CHEMICALS AND PROD, NEC-----	29,441	29,441						
2823 SYNTHETIC (MAN-MADE) FIBERS-----	21,866	21,866						
2911 GASOLINE-----	1,979				1,979			
2913 KEROSENE-----	1,600			1,600				
2914 DISTILLATE FUEL OIL-----	361,752			361,752	175,879	882		
2915 RESIDUAL FUEL OIL-----	872,545			872,545	629,950		223,096	2,863
3315 IRON, STEEL SHAPES, EXC SHEET-----	184	184						
3317 IRON AND STEEL PIPE AND TUBE-----	323	323						
3319 IRON AND STEEL PRODUCTS, NEC-----	5	5						
3411 FABRICATED METAL PRODUCTS-----	212	212						
3911 MACHINERY, EXCEPT ELECTRICAL-----	15	14		1	3			
3611 ELECTRICAL MACH AND EQUIP-----	35	35						
3711 MOTOR VEHICLES, PARTS, EQUIP-----	40		40					
4022 TEXTILE WASTE, SCRAP, SWEEP-----	720	720						
4024 PAPER WASTE AND SCRAP-----	1,211		1,211					
4112 COMMODITIES, NEC-----	1,614			80	1,534			
TOTAL TON-MILES, 7,565,827.								

## NEW ENGLAND DIVISION

15

THAMES RIVER, CONN.

SECTION INCLUDED: FROM A POINT 1,000 FEET ABOVE THE RAILROAD BRIDGE AT NEW LONDON TO NORWICH, CONN.; CONTROLLING DEPTH: GENERALLY 25.0 FEET IN 25 FOOT CHANNEL TO ALLYN POINT; THENCE 22 FEET TO 1,500 FEET ABOVE POQUETANUCK COVE; THEN 25 FEET UPSTREAM TO NORWICH DIKE; THENCE 11 FEET TO UPSTREAM LIMIT OF PROJECT. CHANNEL WIDENING TO 20 FEET DEPTH OPPOSITE U. S. SUBMARINE BASE, PROJECT DEPTH: 25 FEET TO NORWICH

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1971-----	934,757	105,440	1976-----	634,514	55,426
1972-----	1,216,969	99,556	1977-----	654,827	56,556
1973-----	1,343,145	124,348	1978-----	668,149	48,552
1974-----	1,186,854	93,298	1979-----	618,186	-----
1975-----	838,565	63,986	1980-----	744,562	-----

• NONE REPORTED.

## FREIGHT TRAFFIC, 1980

## DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE		INTERNAL		
		RECEIPTS	SHIPMENTS	INBOUND	OUTBOUND	UPBOUND
TOTAL-----	744,562	510,017	7,154	223,896	882	2,613
2819 BASIC CHEMICALS AND PROD. NEC-----	89,092	89,092	-----	-----	-----	-----
2911 GASOLINE-----	63,568	63,568	-----	-----	-----	-----
2913 KEROSENE-----	849	849	-----	-----	-----	-----
2914 DISTILLATE FUEL OIL-----	116,889	107,412	7,154	-----	882	1,251
2915 RESIDUAL FUEL OIL-----	474,354	249,096	-----	223,896	-----	1,362
TOTAL TON-MILES, 4,322,074.						

## CONNECTICUT RIVER BELOW HARTFORD, CONN.

SECTION INCLUDED: SAYBROOK TO HARTFORD, CONN., 52 MILES, CONTROLLING DEPTH: GENERALLY 14.0 FEET TO HARTFORD, CONN.; AT MEAN LOW WATER, 8 FEET IN ENTRANCE CHANNEL TO NORTH COVE; 8.0 FEET IN ANCHORAGE IN NORTH COVE; 4.3 TO 8 FEET IN CHANNEL AND BASIN IN EIGHT-MILE RIVER; 1 TO 6 FEET IN ANCHORAGE AT HAMBURG. PROJECT DEPTH: 15 FEET AT MEAN LOW WATER, SAYBROOK TO HARTFORD, NAVIGATION SEASON: USUALLY MARCH 15 TO DECEMBER 15.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	ADDITIONAL TRAFFIC AUTOMOBILES ACCOMPANYING PASSENGERS	YEAR	TONS	PASSENGERS	ADDITIONAL TRAFFIC AUTOMOBILES ACCOMPANYING PASSENGERS
1971-----	3,774,048	101,311	73,933	1976-----	2,229,683	510,281	152,460
1972-----	3,426,016	211,714	71,468	1977-----	2,171,256	295,476	98,124
1973-----	3,487,419	278,274	90,621	1978-----	1,950,599	298,128	114,196
1974-----	3,049,883	343,317	108,934	1979-----	1,414,353	276,964	116,708
1975-----	2,582,245	406,298	109,964	1980-----	1,772,954	329,235	103,234

## FREIGHT TRAFFIC, 1980

## DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE		INTERNAL
		RECEIPTS	SHIPMENTS	UPBOUND
TOTAL-----	1,772,954	1,769,673	2,175	1,106
2911 GASOLINE-----	407,699	407,699	-----	-----
2912 JET FUEL-----	47,339	46,233	-----	1,106
2913 KEROSENE-----	9,142	9,142	-----	-----
2914 DISTILLATE FUEL OIL-----	193,532	191,357	2,175	-----
2915 RESIDUAL FUEL OIL-----	1,078,459	1,078,459	-----	-----
2918 ASPHALT, TAR, AND PITCHES-----	44,783	44,783	-----	-----
TOTAL TON-MILES, 67,917,884.				

## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

## NEW HAVEN HARBOR, CONN.

SECTION INCLUDED: MAIN HARBOR CHANNEL FROM DEEP WATER IN LONG ISLAND SOUND TO THE HEAD OF THE MAIN HARBOR NEAR I-95 BRIDGE, THE UPPER 1.5 MILES OF THE HARBOR, QUINNIPIAC RIVER FROM TOMLINSON BRIDGE TO GRAND AVENUE BRIDGE 1.25 MILES, WEST RIVER FROM THE MOUTH TO A POINT ABOUT 500 FEET ABOVE THE UPSTREAM SIDE OF THE KIMBERLY AVENUE BRIDGE ABOUT 1 MILE, MILL RIVER FROM THE MOUTH TO GRAND AVENUE BRIDGE ABOUT 1,000 FEET. CONTROLLING DEPTH, MAIN CHANNEL 34 FEET IN LEFT OUTSIDE QUARTER, 34 FEET IN CENTER, 33 FEET IN RIGHT OUTSIDE QUARTER, 15 FEET IN THE QUINNIPIAC RIVER CHANNEL. OTHER CHANNELS RANGE FROM 8 TO 30 FEET. PROJECT DEPTH: MAIN CHANNEL, 35 FEET FROM LONG ISLAND SOUND TO HEAD OF HARBOR, BRANCH CHANNELS RANGE FROM 8 TO 22 FEET. ALL AT MEAN LOW WATER, DREDGING IN OUTER ENTRANCE CHANNEL IN PROGRESS DURING THE YEAR.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1971	11,894,626	820	1976	11,069,699	
1972	13,162,993		1977	11,119,383	48,542
1973	13,709,245		1978	11,407,704	144,960
1974	12,054,957		1979	10,622,395	
1975	11,432,920	96	1980	9,336,328	

## FREIGHT TRAFFIC, 1980

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	COASTWISE		
				RECEIPTS	SHIPMENTS	
TOTAL	9,336,328	726,898	262,936	7,450,269	797,131	97,094
1412 BUILDING STONE, UNWORKED	122		122			
1442 SAND, GRAVEL, CRUSHED ROCK	86	86				
2012 MEAT AND PRODUCTS, NEC	51		51			
2421 LUMBER	37,042	37,019	23			
2431 VENEER, PLYWOOD, WORKED WOOD	1,334	1,334				
2511 FURNITURE AND FIXTURES	1	1				
2631 PAPER AND PAPERBOARD	298	298				
2691 PULP AND PAPER PRODUCTS, NEC	1	1				
2711 PRINTED MATTER	3	3				
2810 SODIUM HYDROXIDE	16,467			16,467		
2813 ALCOHOLS	93,504			93,504		
2816 SULPHURIC ACID	5,800			5,800		
2819 BASIC CHEMICALS AND PROD, NEC	240,421			240,421		
2891 PAINTS	717	696	21			
2891 MISCELLANEOUS CHEMICAL PROD	1	1				
2911 GASOLINE	2,989,613	14,613		2,792,702	151,477	31,021
2912 JET FUEL	252,327			231,829	20,498	
2913 KEROSENE	32,815			31,706	1,109	
2914 DISTILLATE FUEL OIL	2,982,948	53,056		2,641,002	241,931	46,959
2915 RESIDUAL FUEL OIL	1,886,229	324,988		1,165,489	377,038	19,114
2916 LUBRICATING OILS AND GREASES	94,307	94,307				
2917 NAPHTHA, PETROLEUM SOLVENTS	60,480			60,480		
2918 ASPHALT, TAR, AND BITUMENS	101,444	49,144		52,300		
2991 PETROLEUM AND COAL PROD, NEC	16,324			16,324		
3011 RUBBER AND MISC PLASTIC PROD	5	5				
3111 LEATHER AND LEATHER PRODUCTS	4		4			
3241 BUILDING CEMENT	102,245			102,245		
3291 CUT STONE AND STONE PRODUCTS	28		28			
3314 IRON AND STEEL PRIMARY FORMS	39	39				
3315 IRON, STEEL SHAPES, ETC SHEET	89,718	89,717	1			
3316 IRON AND STEEL PLATES, SHEETS	1	1				
3317 IRON AND STEEL PIPE AND TUBE	6,766	6,726	40			
3319 IRON AND STEEL PRODUCTS, NEC	4,977	4,977				
3321 NONFERROUS METALS, NEC	4					
3322 COPPER ALLOYS, UNWORKED	49,518	48,439	5		5,078	
3323 LEAD AND ZINC, UNWORKED	2,210	2,210				
3324 ALUMINUM AND ALLOYS, UNWORKED	595	45	930			
3411 FABRICATED METAL PRODUCTS	2,183	2,182	1			
3511 MACHINERY, EXCEPT ELECTRICAL	3,282	1,976	1,206			
3611 ELECTRICAL MACH AND EQUIP	1,203	1,203				
3711 MOTOR VEHICLES, PARTS, EQUIP	420	405	15			
3811 INSTR, TIME, PHOTO, OPT GOODS	1	1				
4011 IRON AND STEEL SCRAP	260,805		260,805			
4112 COMMODITIES, NEC	29	29				

## MOUSAYONIC RIVER, CONN.

SECTION INCLUDED: LONG ISLAND SOUND TO DERBY AND SHELTON, CONNECTICUT, TIDAL SECTION ABOUT 14 MILES. CONTROLLING DEPTH: 17 FEET FROM ENTRANCE TO BEACON #71 16.5 FEET TO 1/2 MILE ABOVE ROUTE I-95 BRIDGE; THENCE 16 FEET TO WITHIN 500 FEET OF CULVERS BARI; THENCE 3 FEET TO UPSTREAM PROJECT LIMIT. PROJECT DEPTH: 18 FEET TO CULVERS BAR AT DERBY, 6.75 MILES; THENCE 7 FEET TO SHELTON, AT MEAN LOW WATER. NAVIGATION SEASON: USUALLY ENTIRE YEAR TO STRATFORD; MARCH 1 TO DECEMBER 31, STRATFORD TO SHELTON.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971	874,456	1976	429,042
1972	821,839	1977	396,430
1973	796,521	1978	474,881
1974	611,684	1979	283,469
1975	499,473	1980	467,444

## NEW ENGLAND DIVISION

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MOLSAWATONIC RIVER, CONN.--CONTINUED

FREIGHT TRAFFIC, 1980

DOMESTIC

(SHORT TONS)

COMMODITY	COASTWISE RECEIPTS
TOTAL	467,444
1442 SAND, GRAVEL, CRUSHED ROCK	27,754
2915 RESIDUAL FUEL OIL	439,690
TOTAL TON-MILES, 2,337,220.	

## BRIDGEPORT HARBOR, CONN.

SECTION INCLUDED: MAIN HARBOR: FROM INNER BREAKWATERS TO STRATFORD AVENUE BRIDGE ABOUT 4,000 FEET. POGUONOCK RIVER: FROM STRATFORD AVENUE BRIDGE TO HEAD OF NAVIGATION, ABOUT 1 MILE. YELLOW HILL CHANNEL: FROM A POINT ABOUT 1,600 FEET BELOW YELLOW HILL BRIDGE TO THE HEAD OF NAVIGATION, 1 MILE. JOHNSON RIVER: FROM THE HIGHWAY BRIDGE TO HEAD OF NAVIGATION, ABOUT 1,600 FEET. BLACK ROCK HARBOR: FROM THE JUNCTION OF BURR AND CEDAR CREEKS TO HEAD OF NAVIGATION, ABOUT 4,000 FEET. CONTROLLING DEPTH: 34 FEET TO BRIDGEPORT LIGHT, THENCE 32 FEET TO UPSTREAM LIMIT OF THE 39-FOOT MAIN CHANNEL; 11 FEET IN THE POGUONOCK RIVER CHANNEL; 13.5 FEET IN JOHNSON RIVER TO NORTH END OF CHANNEL, THENCE 13.5 FEET TO ABOUT 1,400 FEET DOWNSTREAM OF STRATFORD AVENUE BRIDGE, THENCE 24 FEET TO THE BRIDGE. BRANCH CHANNELS RANGE FROM 3 TO 15 FEET. PROJECT DEPTH: MAIN HARBOR: 39 FEET FROM LONG ISLAND SOUND TO ABOUT 720 FEET BELOW STRATFORD AVENUE BRIDGE. BRANCH CHANNELS RANGE FROM 6 TO 18 FEET. ALL AT MEAN LOW WATER.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	ADDITIONAL TRAFFIC AUTOMOBILES ACCOMPANYING PASSENGERS	YEAR	TONS	PASSENGERS	ADDITIONAL TRAFFIC AUTOMOBILES ACCOMPANYING PASSENGERS
1971	3,548,554	60,108	22,615	1976	3,265,113	128,174	45,014
1972	3,471,623	162,380	45,438	1977	3,499,140	74,007	24,343
1973	3,553,980	201,898	50,304	1978	3,735,409	81,630	25,055
1974	3,295,195	146,802	36,478	1979	3,243,301	175,654	50,786
1975	2,860,171	144,810	40,618	1980	3,194,618		

• NONE REPORTED.

## FREIGHT TRAFFIC, 1980

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	COASTWISE RECEIPTS	SHIPMENTS	
TOTAL	3,194,618	1,099,640	34,109	1,663,537	422,532	14,800
0121 TOBACCO, LEAF	6	6				
0141 FRESH AND FROZEN VEGETABLES	25	25				
1051 ALUMINUM ORES, CONCENTRATES	5,638	5,638				
1442 SAND, GRAVEL, CRUSHED ROCK	31,674			31,674		
1499 NONMETALLIC MINERALS, NEC	49,085	49,085				
2421 LUMBER	15,078	15,078				
2431 VENEER, PLYWOOD, WORKED WOOD	689	689				
2491 WOOD MANUFACTURES, NEC	18	18				
2819 BASIC CHEMICALS AND PROD, NEC	881	881				
2823 SYNTHETIC (MAN-MADE) FIBERS	55	55				
2911 GASOLINE	689,519	13,267		673,917	2,335	
2912 JET FUEL	4,266			4,266		
2914 DISTILLATE FUEL OIL	343,589			272,888	65,338	5,365
2915 RESIDUAL FUEL OIL	1,727,808	682,720		680,794	354,859	9,435
3314 IRON AND STEEL PRIMARY FORMS	20	20				
3315 IRON, STEEL SHAPES, EXC SHEET	230,241	230,241				
3317 IRON AND STEEL PIPE AND TUBE	14,706	14,706				
3318 FERROALLOYS	10,094	10,094				
3319 IRON AND STEEL PRODUCTS, NEC	58	58				
3321 NONFERROUS METALS, NEC	142	142				
3322 COPPER ALLOYS, UNWORKED	10,117	10,117				
3323 LEAD AND ZINC, UNWORKED	26,321	26,321				
3324 ALUMINUM AND ALLOYS, UNWORKED	108	108				
3511 MACHINERY, EXCEPT ELECTRICAL	140	140				
3611 ELECTRICAL MACH AND EQUIP	12	12				
3791 MISC TRANSPORTATION EQUIPMENT	213	213				
4011 IRON AND STEEL SCRAP	27,075		27,075			
4024 PAPER WASTE AND SCRAP	7,034		7,034			
4112 COMMODITIES, NEC	6	6				



## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

## NORWALK HARBOR, CONN.

SECTION INCLUDED: FROM A POINT 4.5 MILE BELOW WASHINGTON STREET BRIDGE TO HEAD OF NAVIGATION AT EAST NORWALK AND NORWALK. CONTROLLING DEPTH: 11.0 FEET IN THE 12-FOOT CHANNEL FROM LONG ISLAND SOUND TO OPPOSITE DOWNSTREAM END OF 10 FOOT ANCHORAGE, THENCE 7 FEET TO THE WASHINGTON BRIDGE; 4 FEET IN THE 10-FOOT CHANNEL. 10 FOOT ANCHORAGE; 16 FEET ANCHORAGE. PROJECT DEPTH: 12 FEET IN CHANNEL FROM OUTER HARBOR TO WASHINGTON STREET BRIDGE, SOUTH NORWALK, THENCE 10 FEET DEEP TO THE BASIN AT NORWALK. ANCHORAGE ADJACENT TO 12 FOOT CHANNEL AT FITCHPOINT LIGHT, 10 FEET. ALL AT MEAN LOW WATER.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1971	919,466	7,420	1976	753,478	24,626
1972	812,845	844	1977	822,908	13,032
1973	867,306		1978	891,047	8,276
1974	799,974	1,000	1979	617,721	138
1975	647,490	3,900	1980	815,465	251

## FREIGHT TRAFFIC, 1980

## DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE	
		RECEIPTS	LOCAL
TOTAL	819,465	812,458	3,007
0912 SHELLFISH, EXCEPT PREPARED	3,007		3,007
1442 SAND, GRAVEL, CRUSHED ROCK	130,993	130,993	
2911 GASOLINE	13,431	13,431	
2913 KEROSENE	3,458	3,458	
2914 DISTILLATE FUEL OIL	143,392	143,392	
2915 RESIDUAL FUEL OIL	521,184	521,184	
TOTAL TON-MILES, 3,423,267.			

## STAMFORD HARBOR, CONN.

SECTION INCLUDED: EAST AND WEST BRANCHES, CONTROLLING DEPTH: 16.0 FEET IN THE 18-FOOT ENTRANCE CHANNEL; 11.9 FEET IN OUTSIDE QUARTERS AND 14.6 FEET IN THE CENTER HALF OF THE 15-FOOT ENTRANCE CHANNEL; 10 FEET IN THE 12-FOOT EAST BRANCH CHANNEL TO 1.100 FEET DOWNSTREAM OF THE HEAD OF NAVIGATION, THENCE 4 FEET TO THE END OF THE CHANNEL; DREDGING IN PROGRESS IN EAST BRANCH CHANNEL. PROJECT DEPTH: 18.0 FEET IN ENTRANCE CHANNEL TO NORTH-END OF 18-FOOT ANCHORAGE, THENCE 15.0 FEET IN REMAINDER OF ENTRANCE CHANNEL. WEST BRANCH CHANNEL AND BASIN, 12.0 FEET IN EAST BRANCH CHANNEL, AT MEAN LOW WATER.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1971	1,086,747		1976	775,638	
1972	1,080,619		1977	785,243	
1973	1,002,384		1978	1,099,798	
1974	989,766		1979	874,236	
1975	846,148		1980	844,887	1,075

## FREIGHT TRAFFIC, 1980

## DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE	
		RECEIPTS	SHIPMENTS
TOTAL	844,887	810,601	34,286
1442 SAND, GRAVEL, CRUSHED ROCK	556,616	556,616	
2911 GASOLINE	4,784	4,784	
2914 DISTILLATE FUEL OIL	194,121	194,121	
2915 RESIDUAL FUEL OIL	19,879	19,879	
2916 ASPHALT, TAR, AND BITUMENS	36,001	36,001	
4011 IRON AND STEEL SCRAP	34,286		34,286
TOTAL TON-MILES, 2,010,217.			

## NEW ENGLAND DIVISION

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## OTHER HARBORS AND WATERWAYS

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON-MILES	PASSENGERS
PROJECT				
ANDREWS RIVER, MASS.	0911 FRESH FISH, EXCEPT SHELLFISH----- 0912 SHELLFISH, EXCEPT PREPARED----- TOTAL-----	290 547 797		
ANNISQUAM RIVER, MASS.	0911 FRESH FISH, EXCEPT SHELLFISH----- 0912 SHELLFISH, EXCEPT PREPARED----- TOTAL-----	4 6 10		31
APPONAUG COVE, R. I.	NO COMMERCE REPORTED			
BAR HARBOR, MAINE				119,312
BASS HARBOR, MAINE				50,466
BEALS HARBOR, MAINE	NO COMMERCE REPORTED			
BELFAST HARBOR, MAINE	0911 FRESH FISH, EXCEPT SHELLFISH-----	1,058	1,058	
BEVERLY HARBOR, MASS.	0912 SHELLFISH, EXCEPT PREPARED----- 2810 SODIUM HYDROXIDE----- 2915 RESIDUAL FUEL OIL----- TOTAL-----	26 4,860 20,325 25,211		
BOOTHBAY HARBOR, MAINE				103,699
BRANFORD HARBOR, CONN.	NO COMMERCE REPORTED			
BRISTOL HARBOR, R. I.	4112 COMMODITIES, NEC-----	655	1,310	47,790
BUNKER HARBOR, MAINE	NO COMMERCE REPORTED			
CAMDEN HARBOR, MAINE				346
CANAPITSIT CHANNEL, MASS.	2911 GASOLINE----- 2914 DISTILLATE FUEL OIL----- TOTAL-----	112 130 242		329
CAPE PORPOISE HARBOR, MAINE	0911 FRESH FISH, EXCEPT SHELLFISH----- 0912 SHELLFISH, EXCEPT PREPARED----- TOTAL-----	9 11 20		20
CARVERS HARBOR, MAINE	0912 SHELLFISH, EXCEPT PREPARED-----	429		80,564
CHATHAM (STAGE) HARBOR, MASS.	0911 FRESH FISH, EXCEPT SHELLFISH-----	9,217	18,434	3,628
CLINTON HARBOR, CONN.	0911 FRESH FISH, EXCEPT SHELLFISH-----	1	1	
COBSCOOK BAY, MAINE	NO COMMERCE REPORTED			
COMASSET HARBOR, MASS.	NO COMMERCE REPORTED			
COREA HARBOR, MAINE	0912 SHELLFISH, EXCEPT PREPARED-----	17	17	
CRIEHAVEN HARBOR, MAINE	NO COMMERCE REPORTED			
CROSS RIP SHOALS, NANTUCKET SOUND, MASS.	2911 GASOLINE----- 2912 JET FUEL----- 2913 KEROSENE----- 2914 DISTILLATE FUEL OIL----- TOTAL-----	7,939 175 236 22,001 30,351		156,540
CUTTUNK HARBOR, MASS.	2414 TIMBER, POSTS, POLES, PILING----- 2511 FURNITURE AND FIXTURES----- 2911 GASOLINE----- 2914 DISTILLATE FUEL OIL----- 4112 COMMODITIES, NEC----- TOTAL-----	7 22 112 130 933 804	60,702	8,709
DAMARISCOTTA RIVER, MAINE	NO COMMERCE REPORTED			
DEER ISLAND THOROUGHFARE, MAINE				11,697
DORCHESTER BAY, MASS. (INCLUDED IN PORT OF BOSTON)	NO COMMERCE REPORTED			
DUCK ISLAND HARBOR, CONN.	NO COMMERCE REPORTED			
DUXBURY HARBOR, MASS.	NO COMMERCE REPORTED			
EASTPORT HARBOR, MAINE	0161 ANIMALS AND PRODUCTS, NEC----- 0911 FRESH FISH, EXCEPT SHELLFISH----- 0912 SHELLFISH, EXCEPT PREPARED----- 1491 SALT----- 2031 FISH AND SHELLFISH, PREPARED----- 2042 PREPARED ANIMAL FEEDS----- 2211 BASIC TEXTILE PRODUCTS----- 2711 PRINTED MATTER----- 2911 GASOLINE----- 3411 FABRICATED METAL PRODUCTS----- 3511 MACHINERY, EXCEPT ELECTRICAL----- 3731 SHIPS AND BOATS----- 4112 COMMODITIES, NEC----- TOTAL-----	844 17,319 6 22 3 120 1 3 9 1 30 6 1 18,361	18,361	80,000

## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

## OTHER HARBORS AND WATERWAYS--CONTINUED

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON- MILES	PASSENGERS
PROJECT--CONTINUED				
EDSANTOWN HARBOR, MASS.-----				107,086
ESSEX RIVER, MASS.-----	NO COMMERCE REPORTED			
FALMOUTH HARBOR, MASS.-----	2711 PRINTED MATTER-----	301	271	253,838
FIVEMILE RIVER HARBOR, CONN.-----	NO COMMERCE REPORTED			
FORT POINT CHANNEL, MASS. (INCLUDED IN PORT OF BOSTON)-----	NO COMMERCE REPORTED			
GLoucester HARBOR, MASS.-----	0103 CORN-----	14		
	0119 OILSEEDS, NEC-----	2		
	0131 FRESH FRUITS AND TREE NUTS-----	1,914		
	0141 FRESH AND FROZEN VEGETABLES-----	375		
	0161 ANIMALS AND PRODUCTS, NEC-----	1,798		
	0661 FOREST PRODUCTS, NEC-----	32		
	0911 FRESH FISH, EXCEPT SHELLFISH-----	166,103		
	0912 SHELLFISH, EXCEPT PREPARED-----	1,002		
	2011 MEAT, FRESH, CHILLED, FROZEN-----	194		
	2015 ANIMAL BY-PRODUCTS, NEC-----	12		
	2021 DAIRY PRODUCTS, NEC-----	98		
	2031 FISH AND SHELLFISH, PREPARED-----	3,930		
	2034 VEGETABLES AND PREP. NEC-----	43		
	2039 PREP. FRUIT AND VEG. JUICE, NEC-----	5		
	2041 WHEAT FLOUR AND SEMOLINA-----	685		
	2042 PREPARED ANIMAL FEEDS-----	565		
	2049 GRAIN MILL PRODUCTS, NEC-----	19		
	2081 ALCOHOLIC BEVERAGES-----	325		
	2092 ANIMAL OILS AND FATS, NEC-----	500		
	2211 BASIC TEXTILE PRODUCTS-----	1		
	2311 APPAREL-----	32		
	2421 LUMBER-----	65		
	2431 VENEER, PLYWOOD, WORKED WOOD-----	248		
	2491 WOOD MANUFACTURES, NEC-----	71		
	2511 FURNITURE AND FIXTURES-----	4		
	2631 PAPER AND PAPERBOARD-----	57		
	2711 PRINTED MATTER-----	12		
	2819 BASIC CHEMICALS AND PROD. NEC-----	1		
	2821 PLASTIC MATERIALS-----	38		
	2851 PAINTS-----	1		
	2891 MISCELLANEOUS CHEMICAL PROD-----	15		
	2914 DISTILLATE FUEL OIL-----	10,928		
	2915 RESIDUAL FUEL OIL-----	265		
	2916 LUBRICATING OILS AND GREASES-----	149		
	2918 ASPHALT, TAR, AND PITCHES-----	2,513		
	2921 LIQUEFIED GASES-----	5		
	3011 RUBBER AND MISC PLASTIC PROD-----	59		
	3111 LEATHER AND LEATHER PRODUCTS-----	4		
	3411 FABRICATED METAL PRODUCTS-----	145		
	3511 MACHINERY, EXCEPT ELECTRICAL-----	12		
	3611 ELECTRICAL MACH AND EQUIP-----	47		
	3711 MOTOR VEHICLES, PARTS, EQUIP-----	79		
	3791 MISC TRANSPORTATION EQUIPMENT-----	37		
	3811 INSTR, TIME, PHOTO, OPT GOODS-----	2		
	3911 MISC MANUFACTURED PRODUCTS-----	3		
	4112 COMMODITIES, NEC-----	138		
	TOTAL-----	212,707	512,859	
GREAT SALT POND, BLOCK ISLAND, R. I.-----	2011 GASOLINE-----	1,187		
	2913 KEROSENE-----	86		
	2914 DISTILLATE FUEL OIL-----	1,768		
	4112 COMMODITIES, NEC-----	40		
	TOTAL-----	3,081	5,072	9,272
GREEN HARBOR, MASS.-----	0912 SHELLFISH, EXCEPT PREPARED-----	24	24	2,172
GREENWICH BAY, R. I.-----	NO COMMERCE REPORTED			
GREENWICH HARBOR, CONN.-----	1442 SAND, GRAVEL, CRUSHED ROCK-----	2,646	5,292	176,345
GUILFORD HARBOR, CONN.-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	3		
	0912 SHELLFISH, EXCEPT PREPARED-----	1		
	TOTAL-----	4	4	
HAMPTON HARBOR, N. H.-----	3611 ELECTRICAL MACH AND EQUIP-----	710	710	94,366
HARBOR OF REFUGE AT SANDY BAY, CAPE ANN, MASS.-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	933		
	0912 SHELLFISH, EXCEPT PREPARED-----	10		
	TOTAL-----	943		746
HARBOR OF REFUGE, BLOCK ISLAND, R. I.-----	4112 COMMODITIES, NEC-----	6,876	6,876	440,108
HARBOR OF REFUGE, NANTUCKET, MASS.-----	1442 SAND, GRAVEL, CRUSHED ROCK-----	1,400		
	2011 GASOLINE-----	8,712		
	2912 JET FUEL-----	175		
	2913 KEROSENE-----	236		
	2914 DISTILLATE FUEL OIL-----	24,875		
	TOTAL-----	35,398	70,796	446,691
HARBOR OF REFUGE, POINT JUDITH AND POINT JUDITH POND, R. I.-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	21,588		
	4112 COMMODITIES, NEC-----	5,521		
	TOTAL-----	27,109	27,109	360,106

## NEW ENGLAND DIVISION

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## OTHER HARBORS AND WATERWAYS--CONTINUED

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON- MILES	PASSENGERS
PROJECT--CONTINUED				
HARRASENEY RIVER, MAINE-----	NO COMMERCE REPORTED			
HAY (WEST) HARBOR, N. Y.-----	2911 GASOLINE-----	231		
	2914 DISTILLATE FUEL OIL-----	732		
	3511 MACHINERY, EXCEPT ELECTRICAL-----	4		
	4112 COMMODITIES, NEC-----	1,408		
	TOTAL-----	2,375	4,750	85,622
HENDRICKS HARBOR, MAINE-----	NO COMMERCE REPORTED			
HINGHAM HARBOR, MASS. (INCLUDED IN PORT OF BOSTON)-----	NO COMMERCE REPORTED			
HYANNIS HARBOR, MASS.-----				920,546
IPSWICH RIVER, MASS.-----	0912 SHELLFISH, EXCEPT PREPARED-----	607	1,214	
ISLE AU HAUT THOROUGHFARE, MAINE-----	4112 COMMODITIES, NEC-----	133	133	23,314
ISLE OF SHOALS HARBOR, ME. AND N. H.-----	NO COMMERCE REPORTED			
JOSIAS RIVER, MAINE-----	NO COMMERCE REPORTED			
KENNEBEC RIVER, MAINE-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	2,190		
	2914 DISTILLATE FUEL OIL-----	655		
	2915 RESIDUAL FUEL OIL-----	1,404		
	3731 SHIPS AND BOATS-----	200		
	TOTAL-----	4,449	45,211	
KENNEBUNK RIVER, MAINE-----	NO COMMERCE REPORTED			
LUBEC CHANNEL, MAINE-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	1,408	2,349	400,000
LYNN HARBOR, MASS.-----	NO COMMERCE REPORTED			
MACHIAS RIVER, MAINE-----	NO COMMERCE REPORTED			
MALDEN RIVER, MASS. (INCLUDED IN PORT OF BOSTON)-----	NO COMMERCE REPORTED			
MANCHESTER HARBOR, MASS.-----	0912 SHELLFISH, EXCEPT PREPARED-----	3	3	
MARBLEHEAD HARBOR, MASS.-----	NO COMMERCE REPORTED			
MATINICUS HARBOR, MAINE-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	408		
	0912 SHELLFISH, EXCEPT PREPARED-----	13		
	1491 SALT-----	78		
	TOTAL-----	499	499	
MATTAPoisETT HARBOR, MASS.-----	NO COMMERCE REPORTED			
MENEMSHA CREEK, MARTHA'S VINEYARD, MASS.-----	NO COMMERCE REPORTED			
MIANUS RIVER AND COS COR HARBOR, CONN.-----	NO COMMERCE REPORTED			
MILFORD HARBOR, CONN.-----	NO COMMERCE REPORTED			
MOOSABEC BAR, MAINE-----	NO COMMERCE REPORTED			
MYSTIC RIVER, CONN.-----				124,064
NARRAGUAGUS RIVER, MAINE-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	106	106	
NEPONSET RIVER, MASS. (INCLUDED IN PORT OF BOSTON)-----	NO COMMERCE REPORTED			
NEW BEDFORD AND FAIRHAVEN HARBOR, MASS.-----	0103 CORN-----	20		
	0105 RICE-----	41		
	0121 TOBACCO, LEAF-----	26		
	0133 COFFEE-----	1		
	0141 FRESH AND FROZEN VEGETABLES-----	82		
	0161 ANIMALS AND PRODUCTS, NEC-----	1,899		
	0861 FOREST PRODUCTS, NEC-----	1		
	0911 FRESH FISH, EXCEPT SHELLFISH-----	67,740		
	0912 SHELLFISH, EXCEPT PREPARED-----	77		
	1311 CRUDE PETROLEUM-----	28,360		
	1442 SAND, GRAVEL, CRUSHED ROCK-----	9,725		
	1491 CLAY-----	1		
	1491 SALT-----	6		
	2011 MEAT, FRESH, CHILLED, FROZEN-----	2,554		
	2012 MEAT AND PRODUCTS, NEC-----	22		
	2021 DAIRY PRODUCTS, NEC-----	312		
	2031 FISH AND SHELLFISH, PREPARED-----	639		
	2034 VEGETABLES AND PREP, NEC-----	101		
	2039 PREP FRUIT AND VEG JUICE, NEC-----	2,010		
	2049 GRAIN MILL PRODUCTS, NEC-----	94		
	2081 ALCOHOLIC BEVERAGES-----	60		
	2091 VEGETABLE OILS, MARG, SHORT-----	57		
	2099 MISCELLANEOUS FOOD PRODUCTS-----	1,548		
	2111 TOBACCO MANUFACTURES-----	4		
	2211 BASIC TEXTILE PRODUCTS-----	11		
	2212 TEXTILE FIBERS, NEC-----	137		
	2414 TIMBER, POSTS, POLES, PILING-----	1		
	2421 LUMBER-----	6,424		
	2491 WOOD MANUFACTURES, NEC-----	3		
	2511 FURNITURE AND FIXTURES-----	42		
	2611 PULP-----	299		
	2631 PAPER AND PAPERBOARD-----	86		

## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

## OTHER HARBORS AND WATERWAYS--CONTINUED

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON- MILES	PASSENGERS
PROJECT--CONTINUED				
NEW BEDFORD AND FAIRHAVEN HARBOR, MASS. (CONTINUED)-----	2691 PULP AND PAPER PRODUCTS, NEC-----	1		
	2711 PRINTED MATTER-----	1		
	2819 BASIC CHEMICALS AND PROD, NEC-----	2		
	2821 PLASTIC MATERIALS-----	123		
	2851 PAINTS-----	35		
	2891 MISCELLANEOUS CHEMICAL PROD-----	88		
	2914 DISTILLATE FUEL OIL-----	52,704		
	2915 RESIDUAL FUEL OIL-----	49,616		
	2916 LUBRICATING OILS AND GREASES-----	1		
	2951 ASPHALT BUILDING MATERIALS-----	3		
	3011 RUBBER AND MISC PLASTIC PROD-----	23		
	3111 LEATHER AND LEATHER PRODUCTS-----	1,186		
	3291 MISC NONMETALLIC MINERAL PROD-----	4		
	3315 IRON, STEEL SHAPES, EXC SHEET-----	357		
	3323 LEAD AND ZINC, UNWORKED-----	6		
	3324 ALUMINUM AND ALLOYS, UNWORKED-----	1		
	3411 FABRICATED METAL PRODUCTS-----	137		
	3511 MACHINERY, EXCEPT ELECTRICAL-----	286		
	3611 ELECTRICAL MACH AND EQUIP-----	21		
	3711 MOTOR VEHICLES, PARTS, EQUIP-----	70		
	3731 SHIPS AND BOATS-----	436		
	3911 MISC MANUFACTURED PRODUCTS-----	113		
	4022 TEXTILE WASTE, SCRAP, SWEEP-----	238		
	4112 COMMODITIES, NEC-----	661		
	TOTAL-----	228,916		12,635
NEW HARBOR, MAINE-----	NO COMMERCE REPORTED			
NEWBURYPORT HARBOR, MASS.-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	4,037		
	0912 SHELLFISH, EXCEPT PREPARED-----	4		
	TOTAL-----	4,041	12,123	61,050
NEWPORT HARBOR, R. I.-----	0121 TOBACCO, LEAF-----	61		
	0911 FRESH FISH, EXCEPT SHELLFISH-----	13,775		
	2914 DISTILLATE FUEL OIL-----	9,113		
	2915 RESIDUAL FUEL OIL-----	49,656		
	3511 MACHINERY, EXCEPT ELECTRICAL-----	7		
	3611 ELECTRICAL MACH AND EQUIP-----	18		
	3711 MOTOR VEHICLES, PARTS, EQUIP-----	4		
	3731 SHIPS AND BOATS-----	6		
	3811 INSTR, TIME, PHOTO, OPT GOODS-----	1		
	TOTAL-----	72,641	72,641	2,300
NANTIC BAY AND HARBOR, CONN.-----				5,236
NORTHEAST HARBOR, MAINE-----	NO COMMERCE REPORTED			
OWLS HEAD HARBOR, MAINE-----	NO COMMERCE REPORTED			
PATCHOGUE RIVER, CONN.-----	NO COMMERCE REPORTED			
PANCATUCK RIVER, R. I. AND CONN.-----	NO COMMERCE REPORTED			
PIG ISLAND GUT, MAINE-----	NO COMMERCE REPORTED			
PLEASANT BAY MASS.-----	NO COMMERCE REPORTED			
PLEASANT RIVER, MAINE-----	NO COMMERCE REPORTED			
PLYMOUTH HARBOR, MASS. (INCLUDING NORTH PLYMOUTH)-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	2,377	7,131	
PROVINCETOWN HARBOR, MASS.-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	12,129	24,298	
RED BROOK HARBOR, BOURNE, MASS.-----	NO COMMERCE REPORTED			
ROCKLAND HARBOR, MAINE-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	12,887		
	0912 SHELLFISH, EXCEPT PREPARED-----	436		
	2911 GASOLINE-----	1,883		
	2913 KEROSENE-----	309		
	2914 DISTILLATE FUEL OIL-----	2,997		
	TOTAL-----	18,072	61,968	95,547
ROCKPORT HARBOR, MAINE-----	NO COMMERCE REPORTED			
ROCKPORT HARBOR, MASS.-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	533		
	0912 SHELLFISH, EXCEPT PREPARED-----	10		
	TOTAL-----	543	543	746
ROYAL RIVER, MAINE-----	NO COMMERCE REPORTED			
RYE HARBOR, NEW HAMPSHIRE-----	0912 SHELLFISH, EXCEPT PREPARED-----	6	6	30,298
SACO RIVER, MAINE-----	NO COMMERCE REPORTED			
SACKNET RIVER AND HARBOR, R. I.-----	0912 SHELLFISH, EXCEPT PREPARED-----	6	18	
SCARBORO RIVER, MAINE-----	NO COMMERCE REPORTED			
SCITUATE HARBOR, MASS.-----	NO COMMERCE REPORTED			
SEEKONK RIVER, R. I.-----	NO COMMERCE REPORTED			
SOUTH BRISTOL HARBOR, MAINE-----	NO COMMERCE REPORTED			

## NEW ENGLAND DIVISION

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## OTHER HARBORS AND WATERWAYS--CONTINUED

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON- MILES	PASSENGERS
PROJECT--CONTINUED				
SOUTHWEST HARBOR, MAINE-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	1,906	5,718	-----
ST. CROIX RIVER, MAINE-----	NO COMMERCE REPORTED			-----
STOCKTON HARBOR, MAINE (INCLUDED IN PENOBSCOT RIVER, MAINE)-----	NO COMMERCE REPORTED			-----
STONINGTON HARBOR, CONN.-----	NO COMMERCE REPORTED			-----
STONINGTON HARBOR, MAINE-----	4112 COMMODITIES, NEC-----	133	133	23,314
STONY CREEK, CONN.-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	1		-----
	0912 SHELLFISH, EXCEPT PREPARED-----	3		-----
	TOTAL-----	4	4	-----
TAUNTON RIVER, MASS.-----	NO COMMERCE REPORTED			-----
TENANTS HARBOR, MAINE-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	690		-----
	1491 SALT-----	117		-----
	TOTAL-----	807	672	-----
THOMASTON HARBOR (GEORGES RIVER), MAINE-----	NO COMMERCE REPORTED			-----
VINEYARD HAVEN HARBOR, MASS.-----	1442 SAND, GRAVEL, CRUSHED ROCK-----	8,325		-----
	2911 GASOLINE-----	18,473		-----
	2912 JET FUEL-----	90		-----
	2913 KEROSENE-----	862		-----
	2914 DISTILLATE FUEL OIL-----	24,407		-----
	2918 ASPHALT, TAR, AND PITCHES-----	348		-----
	3411 FABRICATED METAL PRODUCTS-----	45		-----
	3911 MACHINERY, EXCEPT ELECTRICAL-----	95		-----
	3711 MOTOR VEHICLES, PARTS, EQUIP-----	5		-----
	TOTAL-----	52,850	52,850	963,018
WAREHAM HARBOR, MASS.-----	NO COMMERCE REPORTED			-----
WARREN RIVER, R. I.-----				1,022
WARMICK COVE, WARMICK, R. I.-----	NO COMMERCE REPORTED			-----
WELLFLEET HARBOR, MASS.-----	0912 SHELLFISH, EXCEPT PREPARED-----	1,919	1,919	9,270
WESTPORT HARBOR AND SAUGATUCK RIVER, CONN.-----	2914 DISTILLATE FUEL OIL-----	4,209	12,627	-----
WESTPORT RIVER, MASS.-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	187		-----
	2414 TIMBER, POSTS, POLES, PILING-----	7		-----
	TOTAL-----	194	194	-----
WETMOUTH BACK RIVER, MASS. (INCLUDED IN PORT OF BOSTON)-----	NO COMMERCE REPORTED			-----
WICKFORD HARBOR, R. I.-----	NO COMMERCE REPORTED			-----
WINTHROP HARBOR, MASS. (INCLUDED IN PORT OF BOSTON)-----	NO COMMERCE REPORTED			-----
WOOD ISLAND HARBOR, MAINE AND THE POOL AT BIDDEFORD-----	NO COMMERCE REPORTED			-----
WOODS HOLE CHANNEL, MASS.-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	221		-----
	1442 SAND, GRAVEL, CRUSHED ROCK-----	9,725		-----
	2911 GASOLINE-----	674		-----
	2912 JET FUEL-----	269		-----
	2914 DISTILLATE FUEL OIL-----	1,274		-----
	3411 FABRICATED METAL PRODUCTS-----	45		-----
	3911 MACHINERY, EXCEPT ELECTRICAL-----	95		-----
	4112 COMMODITIES, NEC-----	108		-----
	TOTAL-----	12,407	12,407	1,187,773
YORK HARBOR, MAINE-----	NO COMMERCE REPORTED			-----
NONPROJECT				
CHARLES RIVER, MASS. (INCLUDED IN PORT OF BOSTON)-----	2919 RESIDUAL FUEL OIL-----	43,028	43,028	-----
ISLAND END RIVER, MASS. (INCLUDED IN PORT OF BOSTON)-----	3241 BUILDING CEMENT-----	60,000	60,000	-----

## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

## NEW YORK, N. Y., DISTRICT

PORT CHESTER HARBOR, N. Y. (INCLUDED IN PORT OF NEW YORK)

SECTION INCLUDED: FROM LONG ISLAND SOUND TO A POINT 100 FEET BELOW HILL STREET BRIDGE, CONTROLLING DEPTH: 12 FEET FROM LONG ISLAND SOUND TO UPPER LIMIT OF 12-FOOT PROJECT; BALANCE OF WATERWAY RANGES FROM 1 TO 10 FEET; 6 FEET IN ANCHORAGE AREA, PROJECT DEPTH: 12, 10 AND 3 FEET; 12 FEET IN ANCHORAGE AREA, ALL AT MEAN LOW WATER, PROJECT LENGTH: 1.7 MILES.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971-----	308,702	1976-----	259,797
1972-----	499,896	1977-----	299,687
1973-----	486,820	1978-----	304,950
1974-----	310,937	1979-----	267,447
1975-----	289,240	1980-----	343,933

## FREIGHT TRAFFIC, 1980

## DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE	INTERNAL	LOCAL
		RECEIPTS	RECEIPTS	
TOTAL-----	343,933	40,440	148,003	155,090
1442 SAND, GRAVEL, CRUSHED ROCK-----	108,443	40,440	148,003	-----
2011 GASOLINE-----	12,893	-----	-----	12,893
2013 KEROSENE-----	870	-----	-----	870
2014 DISTILLATE FUEL OIL-----	141,831	-----	-----	141,831
TOTAL TON-MILES, 390,224.				

EAST CHESTER CREEK, N. Y. (INCLUDED IN PORT OF NEW YORK)

SECTION INCLUDED: FROM LONG ISLAND SOUND TO CANAL STREET, CONTROLLING DEPTH: 8 FEET FROM LONG ISLAND SOUND TO A POINT OPPOSITE TURTLE COVE; BALANCE OF WATERWAY RANGES FROM 0.9 TO 8 FEET; PROJECT DEPTH: 10 FEET, ALL AT MEAN LOW WATER, PROJECT LENGTH: 3 MILES.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971-----	2,344,933	1976-----	1,367,380
1972-----	2,138,314	1977-----	1,363,524
1973-----	1,074,777	1978-----	1,627,502
1974-----	1,035,192	1979-----	1,460,464
1975-----	1,575,743	1980-----	1,653,399

## FREIGHT TRAFFIC, 1980

## DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE	INTERNAL	LOCAL
		RECEIPTS	RECEIPTS	
TOTAL-----	1,653,399	63,674	272,520	1,316,986
1442 SAND, GRAVEL, CRUSHED ROCK-----	335,488	63,674	272,520	-----
2011 GASOLINE-----	863,790	-----	1,013	862,777
2013 KEROSENE-----	10,969	-----	-----	10,969
2014 DISTILLATE FUEL OIL-----	350,597	-----	-----	350,597
2015 RESIDUAL FUEL OIL-----	72,643	-----	-----	72,643
TOTAL TON-MILES, 7,097,742.				

BRONX RIVER, N. Y. (INCLUDED IN PORT OF NEW YORK)

SECTION INCLUDED: FROM EAST RIVER TO EAST 172ND STREET, CONTROLLING DEPTH: 10 FEET FROM EAST RIVER TO BRUCKNER BOULEVARD BRIDGE; BALANCE OF WATERWAY RANGES FROM 3 TO 10 FEET, PROJECT DEPTH: 10 FEET, ALL AT MEAN LOW WATER, PROJECT LENGTH: 2.5 MILES.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1971-----	526,220	63,080	1976-----	302,537	121,778
1972-----	487,962	92,250	1977-----	286,029	152,210
1973-----	490,306	110,870	1978-----	292,085	121,570
1974-----	203,906	121,730	1979-----	243,029	267,210
1975-----	250,203	192,210	1980-----	410,781	240,480

# NEW YORK, N. Y., DISTRICT

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BRONX RIVER, N. Y. (INCLUDED IN PORT OF NEW YORK)-CONTINUED

FREIGHT TRAFFIC, 1980

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE	INTERNAL	LOCAL
		RECEIPTS	RECEIPTS	
TOTAL-----	410,781	171,995	154,666	92,120
1442 SAND, GRAVEL, CRUSHED ROCK-----	326,661	171,995	154,666	92,120
4011 IRON AND STEEL SCRAP-----	92,120			
TOTAL TON-MILES, 837,562.				

WESTCHESTER CREEK, N. Y. (INCLUDED IN PORT OF NEW YORK)

SECTION INCLUDED: FROM EAST RIVER TO EAST TREMONT AVENUE BRIDGE, CONTROLLING DEPTH: 12 FEET FROM EAST RIVER TO UPSTREAM LIMIT PROJECT, PROJECT DEPTH: 12 FEET IN CHANNEL AND TURNING BASIN, ALL AT MEAN LOW WATER, PROJECT LENGTH: 2.6 MILES;

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1971-----	844,969	15,380	1976-----	568,498	-----
1972-----	802,977	14,920	1977-----	548,321	-----
1973-----	929,740	16,440	1978-----	589,924	-----
1974-----	489,098	18,090	1979-----	524,357	-----
1975-----	485,433	-----	1980-----	574,149	-----

FREIGHT TRAFFIC, 1980

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL	LOCAL
		RECEIPTS	
TOTAL-----	574,149	2,154	571,991
1442 SAND, GRAVEL, CRUSHED ROCK-----	2,154	2,154	-----
2011 GASOLINE-----	214,167	-----	214,167
2014 DISTILLATE FUEL OIL-----	350,671	-----	350,671
2015 RESIDUAL FUEL OIL-----	7,035	-----	7,035
2091 PETROLEUM AND COAL PROD, NEC-----	118	-----	118
TOTAL TON-MILES, 1,319,214.			

FLUSHING BAY AND CREEK, N. Y. (INCLUDED IN PORT OF NEW YORK)

SECTION INCLUDED: FROM DEEP WATER IN EAST RIVER TO ROOSEVELT AVENUE BRIDGE, CONTROLLING DEPTH: 15 FEET FROM EAST RIVER TO JUNCTION WITH BRANCH CHANNEL; BALANCE OF WATERWAY VARIES FROM 9 TO 12 FEET, PROJECT DEPTH: 15 FEET IN BAY, BRANCH AND CREEK CHANNELS, AND MANEUVERING AREA, AND 6 FEET IN ANCHORAGE AREA, ALL AT MEAN LOW WATER, PROJECT LENGTH: 2.9 MILES;

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971-----	2,350,648	1976-----	1,569,289
1972-----	2,474,983	1977-----	1,848,185
1973-----	2,949,807	1978-----	1,909,110
1974-----	2,359,974	1979-----	1,583,917
1975-----	1,953,276	1980-----	1,660,286

FREIGHT TRAFFIC, 1980

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE	INTERNAL	LOCAL
		RECEIPTS	RECEIPTS	
TOTAL-----	1,660,286	57,275	564,981	1,038,030
1442 SAND, GRAVEL, CRUSHED ROCK-----	597,256	57,275	539,981	-----
2014 DISTILLATE FUEL OIL-----	317,391	-----	-----	317,391
2015 RESIDUAL FUEL OIL-----	166,972	-----	-----	166,972
3241 BUILDING CEMENT-----	25,000	-----	25,000	-----
4029 WASTE AND SCRAP, NEC-----	593,667	-----	-----	593,667
TOTAL TON-MILES, 3,625,058.				



## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

HARLEM RIVER, N. Y. (INCLUDED IN PORT OF NEW YORK)

SECTION INCLUDED: FROM EAST RIVER TO HUDSON RIVER, CONTROLLING DEPTH: 15 FEET FROM EAST RIVER TO SHERMAN CREEK; BALANCE OF WATERWAY RANGES FROM 14 TO 15 FEET. PROJECT DEPTH: 15 AND 16 FEET. ALL AT MEAN LOW WATER. PROJECT LENGTH: 7.6 MILES.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	ADDITIONAL TRAFFIC - RAILROAD FREIGHT CARS				YEAR	TONS	ADDITIONAL TRAFFIC - RAILROAD FREIGHT CARS			
		RECEIPTS		SHIPMENTS				RECEIPTS		SHIPMENTS	
		EMPTY	LOADED	EMPTY	LOADED			EMPTY	LOADED	EMPTY	LOADED
1971--	654,269	4	395			1976--	449,179				
1972--	837,737		0		8	1977--	422,919				
1973--	654,251	5	394	352	47	1978--	400,744				
1974--	966,785		76	64	12	1979--	414,869				
1975--	719,334					1980--	598,593				

## FREIGHT TRAFFIC, 1980

## DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE		INTERNAL	LOCAL
		RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS
TOTAL	598,593	130,404	179,672	288,517	
1442 SAND, GRAVEL, CRUSHED ROCK	309,483	130,404	179,672		
2914 DISTILLATE FUEL OIL	61,811				61,211
2915 RESIDUAL FUEL OIL	198,143				198,143
3241 BUILDING CEMENT	29,163				29,163
4011 IRON AND STEEL SCRAP	673			673	
TOTAL TON-MILES	1,881,021				

HUDSON RIVER, N. Y. (LOWER SECTION) (INCLUDED IN PORT OF NEW YORK, ALSO INCLUDED IN STATISTICS FOR HUDSON RIVER)

SECTION INCLUDED: FROM UPPER NEW YORK CITY LIMITS TO TARRYTOWN; NOT INCLUDING THE LATTER, CONTROLLING DEPTH: 32 FEET MEAN LOW WATER. PROJECT DEPTH: 34 FEET IN ROCK AND 32 FEET IN SOFT MATERIAL. PROJECT LENGTH: 13.3 MILES.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	ADDITIONAL THROUGH TRAFFIC (TONS)	YEAR	TONS	PASSENGERS	ADDITIONAL THROUGH TRAFFIC (TONS)
1971--	1,639,297	989,130	23,932,881	1976--	981,793	1,025,518	21,898,583
1972--	1,865,197	919,407	25,284,997	1977--	718,396	932,392	22,299,989
1973--	1,482,595	1,248,522	28,190,769	1978--	987,443	654,905	23,845,993
1974--	1,304,998	1,251,100	25,688,695	1979--	753,949	1,116,936	22,113,861
1975--	755,309	910,968	22,592,270	1980--	641,331	1,104,469	21,569,420

## FREIGHT TRAFFIC, 1980

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	
TOTAL	614,331	191,870	12,848	90,075	33,000	287,138
2041 SUGAR	281,945	191,870		90,075		
2111 TOBACCO MANUFACTURES	135		135			
2911 GASOLINE	33,301					33,301
2913 KEROSENE	893					893
2914 DISTILLATE FUEL OIL	185,513					185,513
2915 RESIDUAL FUEL OIL	67,339					67,339
2916 LUBRICATING OILS AND GREASES	132					132
3319 IRON, STEEL SHAPES, EXC SHEET	12,092		12,092			
3511 MACHINERY, EXCEPT ELECTRICAL	16		16			
3711 MOTOR VEHICLES, PARTS, EQUIP	9		9			
4029 WASTE AND SCRAP, NEC	33,000				33,000	
TOTAL TON-MILES	371,310,779					

## NEW YORK, N. Y., DISTRICT

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HUDSON RIVER CHANNEL, N. Y., AND N. J.  
(INCLUDED IN PORT OF NEW YORK)

SECTION INCLUDED: FROM DEEP WATER IN UPPER BAY TO A POINT OPPOSITE WEST 156TH STREET, MANHATTAN, CONTROLLING DEPTH 39 TO 43 FEET, 2,000 TO 3,000 FEET WIDE FROM DEEP WATER IN THE UPPER BAY TO WEST 40TH STREET; BALANCE OF WATERWAY RANGES FROM 30 TO 48 FEET, PROJECT DEPTH AND LENGTH 40 FEET, 45 FEET AND 48 FEET FROM UPPER BAY TO OPPOSITE WEST 59TH STREET; 6 MILES, 30 FEET IN MEEHANEN-EDGEWATER CHANNEL; 5 MILES, ALL AT MEAN LOW WATER.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	THROUGH TRAFFIC (TONS)	ADDITIONAL TRAFFIC RAILROAD FREIGHT CARS					
				RECEIPTS		SHIPMENTS		LOCAL	
				EMPTY	LOADED	EMPTY	LOADED	EMPTY	LOADED
1971	6,404,508	3,537,574	24,916,071	26,994	11,182	9,173	47,264	18,690	28,230
1972	6,844,126	3,578,727	26,784,820	16,299	3,974	8,902	34,488	7,961	7,058
1973	9,233,628	3,717,760	29,154,177	19,190	2,593	1,268	23,093	14,169	9,339
1974	10,044,214	3,594,922	26,903,087	34,609	9,418	2,729	37,123	12,808	9,862
1975	9,439,307	3,380,374	23,109,913	35,110	2,689	1,068	29,247	11,801	14,570
1976	4,148,791	4,059,677	22,322,433	10,065	1,399	1,594	10,722	6,232	2,381
1977	3,812,153	4,339,114	23,010,593	1,198	8,897	7,240	1,117	2,272	995
1978	4,861,598	3,472,040	24,406,825	8,023	988	282	8,242	---	---
1979	4,128,937	3,582,377	22,842,905	785	6,483	6,241	867	---	---
1980	4,119,321	4,294,749	22,198,091	4,234	4,546	---	199	---	---

## FREIGHT TRAFFIC, 1980

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			
		IMPORTS	EXPORTS	COASTWISE		INTERNAL	LOCAL
				RECEIPTS	SHIPMENTS	RECEIPTS	
TOTAL	4,115,321	1,414,443	797,313	21,908	14,940	25,640	1,851,045
0101 COTTON, RAW	20	7	13	---	---	---	---
0102 CORN	270	22	248	---	---	---	---
0104 OATS	53	---	53	---	---	---	---
0109 RICE	129	120	9	---	---	---	---
0111 SOYBEANS	1	---	---	---	---	---	---
0119 OILSEEDS, NEC	349	338	11	---	---	---	---
0121 TOBACCO, LEAF	33,941	32,046	1,895	---	---	---	---
0129 FIELD CROPS, NEC	978	431	147	---	---	---	---
0131 FRESH FRUITS AND TREE NUTS	10,481	9,281	1,200	---	---	---	---
0133 COFFEE	114,223	16,225	192	---	---	---	97,806
0134 COCOA BEANS	13,667	13,649	18	---	---	---	---
0141 FRESH AND FROZEN VEGETABLES	9,344	2,401	6,943	---	---	---	---
0151 LIVE ANIMALS	37	25	12	---	---	---	---
0161 ANIMALS AND PRODUCTS, NEC	4,750	3,497	1,253	---	---	---	---
0191 MISCELLANEOUS FARM PRODUCTS	487	1,493	42	---	---	---	---
0841 CRUDE RUBBER AND ALLIED GUMS	1,789	1,351	438	---	---	---	---
0861 FOREST PRODUCTS, NEC	7,449	6,886	750	---	---	---	---
0911 FRESH FISH, EXCEPT SHELLFISH	2,083	1,276	727	---	---	---	---
0912 SHELLFISH, EXCEPT PREPARED	1,988	1,405	583	---	---	---	---
1011 IRON ORE AND CONCENTRATES	69	22	67	---	---	---	---
1091 ALUMINUM ORES, CONCENTRATES	3,416	3,235	381	---	---	---	---
1091 NONFERROUS ORES, CONCENT. NEC	1,437	594	843	---	---	---	---
1121 COAL AND LIGNITE	650	18	432	---	---	---	---
1411 LIMESTONE	1,688	291	1,437	---	---	---	---
1412 BUILDING STONE, UNWORKED	6	---	6	---	---	---	---
1442 SAND, GRAVEL, CRUSHED ROCK	38,713	586	9,652	2,815	---	25,640	---
1491 CLAY	45,709	40,953	4,756	---	---	---	---
1471 PHOSPHATE ROCK	6	---	6	---	---	---	---
1491 SALT	31,246	31,198	50	---	---	---	---
1492 SULPHUR, DRY	424	---	424	---	---	---	---
1499 NONMETALLIC MINERALS, NEC	26,661	22,579	2,082	---	---	---	---
1911 ORDNANCE AND ACCESSORIES	2,178	380	1,798	---	---	---	---
2011 MEAT, FRESH, CHILLED, FROZEN	47,369	41,959	5,360	---	---	---	---
2012 MEAT AND PRODUCTS, NEC	5,178	3,936	1,242	---	---	---	---
2014 TALLOW, ANIMAL FATS AND OILS	13,759	---	6,077	---	767	---	6,915
2019 ANIMAL BY-PRODUCTS, NEC	5,461	1,994	3,507	---	---	---	---
2021 DAIRY PRODUCTS, NEC	8,145	7,846	299	---	---	---	---
2022 DRIED MILK AND CREAM	2,686	640	2,046	---	---	---	---
2031 FISH AND SHELLFISH, PREPARED	6,241	5,412	829	---	---	---	---
2034 VEGETABLES AND PREP, NEC	26,385	22,481	3,904	---	---	---	---
2039 PREP FRUIT AND VEG JUICE, NEC	20,414	17,917	2,497	---	---	---	---
2041 WHEAT FLOUR AND SEMOLINA	1,157	---	1,157	---	---	---	---
2042 PREPARED ANIMAL FEEDS	34,865	455	34,410	---	---	---	---
2049 GRAIN MILL PRODUCTS, NEC	16,591	8,906	7,685	---	---	---	---
2061 SUGAR	6,734	6,698	36	---	---	---	---
2062 MOLASSES	7,011	7,011	---	---	---	---	---
2081 ALCOHOLIC BEVERAGES	147,649	142,980	5,069	---	---	---	---
2091 VEGETABLE OILS, WARG, SHORT	208,468	10,587	4,749	---	---	---	---
2092 ANIMAL OILS AND FATS, NEC	5,649	1,074	25	1,492	7,072	---	184,568
2099 MISCELLANEOUS FOOD PRODUCTS	38,402	28,845	9,562	---	---	---	4,553
2111 TOBACCO MANUFACTURES	757	481	336	---	---	---	---
2211 BASIC TEXTILE PRODUCTS	48,456	22,803	17,659	---	---	---	---
2212 TEXTILE FIBERS, NEC	23	---	23	---	---	---	---
2311 APPAREL	24,224	21,752	2,474	---	---	---	---
2411 LOGS	1,847	48	999	---	---	---	---
2413 FUEL WOOD, CHARCOAL, WASTES	1,104	---	1,104	---	---	---	---
2421 LUMBER	21,088	16,403	4,685	---	---	---	---
2431 VENEER, PLYWOOD, WORKED WOOD	949	844	85	---	---	---	---
2491 WOOD MANUFACTURES, NEC	6,710	4,874	1,836	---	---	---	---
2511 FURNITURE AND FIXTURES	16,734	14,800	1,934	---	---	---	---
2611 PULP	5,429	39	5,390	---	---	---	---
2631 PAPER AND PAPERBOARD	33,425	18,042	23,383	---	---	---	---
2691 PULP AND PAPER PRODUCTS, NEC	14,640	2,490	12,170	---	---	---	---
2711 PRINTED MATTER	17,483	7,936	9,927	---	---	---	---
2810 SODIUM HYDROXIDE	8,890	---	---	---	---	---	8,890

## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

HUDSON RIVER CHANNEL, N. Y. AND N. J.  
(INCLUDED IN PORT OF NEW YORK)--CONTINUED

FREIGHT TRAFFIC, 1980--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			LOCAL
		IMPORTS	EXPORTS	COASTWISE RECEIPTS	COASTWISE SHIPMENTS	INTERNAL RECEIPTS	
2011 CRUDE TAR, OIL, GAS PRODUCTS	109	11	98				
2012 DYES, PIGMENT, TANNING MATS	2,141		2,141				
2013 ALCOHOLS	3,915		88	1,428	806		1,593
2016 RADIOACTIVE MATERIALS, WASTE	14	11	3				
2019 BASIC CHEMICALS AND PROD, NEC	78,722	34,709	39,191	4,862			
2021 PLASTIC MATERIALS	78,190	19,493	98,737				
2022 SYNTHETIC RUBBER	9,567		9,567				
2023 SYNTHETIC (MAN-MADE) FIBERS	3,306	1,795	1,511				
2031 DRUGS	9,796	3,962	1,796				
2041 SOAP	13,792	2,705	9,986	1,323			
2051 PAINTS	23,368	10,796	6,570				
2061 GUM AND WOOD CHEMICALS	223	114	109				
2071 NITROGENOUS CHEM FERTILIZERS	208	80	120				
2073 PHOSPHATIC CHEM FERTILIZERS	89	3	82				
2076 INSECTICIDES, DISINFECTANTS	2,230	1,281	937				
2079 FERTILIZER AND MATERIALS, NEC	230	201	29				
2091 MISCELLANEOUS CHEMICAL PROD	29,003	6,246	23,557				
2011 GASOLINE	7,667	6,652	1,215				
2013 KEROSENE	10,986						10,986
2014 DISTILLATE FUEL OIL	241,344		30		6,131		235,183
2015 RESIDUAL FUEL OIL	961,720	344,261	24				617,435
2016 LUBRICATING OILS AND GREASES	8,400	41	7,939				424
2018 ASPHALT, TAR, AND BITUMENS	27,062	26,949	113				
2020 COKE, PETROLEUM COKE	312		312				
2021 LIQUEFIED GASES	715		715				
2091 ASPHALT BUILDING MATERIALS	1,386		1,386				
2091 PETROLEUM AND COAL PROD, NEC	1,248	431	859				
3011 RUBBER AND MISC PLASTIC PROD	30,048	20,689	9,359				
3111 LEATHER AND LEATHER PRODUCTS	31,246	20,129	11,117				
3211 GLASS AND GLASS PRODUCTS	40,130	17,044	23,086				
3241 BUILDING CEMENT	327	70	257				
3251 STRUCTURAL CLAY PRODUCTS	17,321	13,496	3,825				
3271 LIME	31	22	9				
3281 CUT STONE AND STONE PRODUCTS	10,289	10,116	173				
3291 MISC NONMETALLIC MINERAL PROD	14,602	10,199	4,403				
3314 IRON AND STEEL PRIMARY FORMS	120	32	88				
3315 IRON, STEEL SHAPES, EXC SHEET	14,286	13,135	1,153				
3316 IRON AND STEEL PLATES, SHEETS	22,000		22,000				
3317 IRON AND STEEL PIPE AND TUBE	10,368	7,990	2,378				
3318 FERROALLOYS	785	401	384				
3319 IRON AND STEEL PRODUCTS, NEC	9,350	7,239	2,115				
3321 NONFERROUS METALS, NEC	9,478	7,015	2,463				
3322 COPPER ALLOYS, UNWORKED	18,286	12,520	5,766				3,003
3323 LEAD AND ZINC, UNWORKED	2,019	726	1,293				
3324 ALUMINUM AND ALLOYS, UNWORKED	5,595	3,600	1,995				
3411 FABRICATED METAL PRODUCTS	97,945	39,192	18,790				3
3511 MACHINERY, EXCEPT ELECTRICAL	88,043	35,956	52,086				3
3611 ELECTRICAL MACH AND EQUIP	66,747	34,917	31,830				
3711 MOTOR VEHICLES, PARTS, EQUIP	48,324	24,071	24,253				
3721 AIRCRAFT AND PARTS	823	14	809				
3731 SHIPS AND BOATS	1,048	529	559				
3791 MISC TRANSPORTATION EQUIPMENT	5,365	105	5,260		164		
3811 INSTR, TIME, PHOTO, OPT GOODS	27,428	6,007	21,421				
3911 MISC MANUFACTURED PRODUCTS	43,425	35,715	7,710				
4011 IRON AND STEEL SCRAP	89,654	123	19,740				73,791
4012 NONFERROUS METAL SCRAP	30,278	1,186	29,092				
4022 TEXTILE WASTE, SCRAP, SWEEP	28,767	96	28,671				
4024 PAPER WASTE AND SCRAP	78,765	1,503	77,370				
4029 WASTE AND SCRAP, NEC	600,318						600,318
4111 WATER	5,596						5,596
4112 COMMODITIES, NEC	39,100	25,854	13,254				
9999 DEPARTMENT OF DEFENSE AND SCI	11,067		11,067				
TOTAL TON-MILES	262,458,437						

EAST RIVER, N. Y. (INCLUDED IN PORT OF NEW YORK)

SECTION INCLUDED: FROM UPPER NEW YORK BAY TO THROGS NECK, CONTROLLING DEPTH: 40 FEET FROM UPPER BAY TO WALLABOUT CHANNEL; BALANCE OF WATERWAY RANGES FROM 20 TO 35 FEET. PROJECT DEPTH: 40 FEET TO FORMER BROOKLYN NAVY YARD; 35 FEET ABOVE THE FORMER BROOKLYN NAVY YARD. ALL AT MEAN LOW WATER. PROJECT LENGTH: ABOUT 16 MILES.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	THROUGH TRAFFIC (TONS)	ADDITIONAL TRAFFIC						AUTOMOBILES ACCOMPANYING PASSENGERS
				RAILROAD FREIGHT CARS						
				RECEIPTS		SHIPMENTS		LOCAL		
				EMPTY	LOADED	EMPTY	LOADED	EMPTY	LOADED	
1971	22,948,876	22,104,408	30,101,396	2,748	43,952	22,490	4,932			623,632
1972	22,606,904	21,212,994	29,420,560	1,739	27,673	16,818	4,146			572,420
1973	24,831,417	18,912,028	30,939,699	1,341	22,182	19,481	2,710			693,642
1974	18,122,834	19,914,318	29,879,840	2,737	37,121	34,079	5,420			648,792
1975	16,110,727	19,010,127	27,635,519	1,078	29,262	35,135	2,629			651,813
1976	18,083,927	18,091,730	27,722,643	1,552	9,986	10,065	1,899			598,027
1977	17,449,698	17,706,868	27,447,649	7,240	1,117	1,198	6,897			585,904
1978	16,193,852	18,635,431	29,000,787	282	8,262	6,820	988			626,489
1979	14,676,735	19,262,178	24,827,148	6,241	867	785	6,423			599,084
1980	14,569,869	19,253,933	30,653,102	6,159	9,368	4,817	6,950			679,807

## NEW YORK, N. Y., DISTRICT

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EAST RIVER, N. Y. (INCLUDED IN PORT OF NEW YORK)--CONTINUED

FREIGHT TRAFFIC, 1980

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	INTERNAL		
						RECEIPTS	SHIPMENTS	
TOTAL-----	14,969,869	4,190,900	361,494	847,189	150,952	412,456	2,644,051	5,962,767
0103 CORN-----	439		439					
0104 OATS-----	166		166					
0105 RICE-----	20		20					
0107 WHEAT-----	74		74					
0111 SOYBEANS-----	69		69					
0119 OILSEEDS, NEC-----	180	1	189					
0121 TOBACCO, LEAF-----	646	903	143					
0129 FIELD CROPS, NEC-----	617	943	74					
0131 FRESH FRUITS AND TREE NUTS-----	292,948	292,332	216					
0133 COFFEE-----	171,971	151,911	20					39,640
0134 COCOA BEANS-----	1,673	1,673						
0141 FRESH AND FROZEN VEGETABLES-----	4,985	1,201	3,324					
0141 ANIMALS AND PRODUCTS, NEC-----	314	129	187					
0191 MISCELLANEOUS FARM PRODUCTS-----	321	21	300					
0841 CRUDE RUBBER AND ALLIED GUMS-----	525	404	61					
0841 FOREST PRODUCTS, NEC-----	2,609	1,044	663					
0911 FRESH FISH, EXCEPT SHELLFISH-----	242	210	24					
0912 SHELLFISH, EXCEPT PREPARED-----	2,902	2,901	1					
1011 IRON ORE AND CONCENTRATES-----	20		20					
1031 ALUMINUM ORES, CONCENTRATES-----	36		36					
1091 NONFERROUS ORES, CONCENT, NEC-----	1,923	1,849	74					
1121 COAL AND LIQUITE-----	529		529					
1311 CRUDE PETROLEUM-----	917,291	917,291						
1411 LIMESTONE-----	19,171		19,171					
1442 SAND, GRAVEL, CRUSHED ROCK-----	429,516	38	189	74,584		354,735		
1451 CLAY-----	7,033	397	6,696					
1471 PHOSPHATE ROCK-----	291		291					
1491 SALT-----	206	166	40					
1492 SULPHUR, DRY-----	96		96					
1499 NONMETALLIC MINERALS, NEC-----	5,617	422	5,195					
1911 ORDNANCE AND ACCESSORIES-----	510		510					
2011 MEAT, FRESH, CHILLED, FROZEN-----	1,503		1,503					
2012 MEAT AND PRODUCTS, NEC-----	1,356	980	376					
2014 TALLOW, ANIMAL FATS AND OILS-----	23,653		20,875					2,778
2015 ANIMAL BY-PRODUCTS, NEC-----	264	112	152					
2021 DAIRY PRODUCTS, NEC-----	118	93	25					
2022 DRIED MILK AND CREAM-----	698		698					
2031 FISH AND SHELLFISH, PREPARED-----	1,406	853	593					
2034 VEGETABLES AND PREP, NEC-----	1,190	288	922					
2039 PREP FRUIT AND VEG JUICE, NEC-----	33,239	32,624	615					
2041 WHEAT FLOUR AND SEMOLINA-----	320		320					
2042 PREPARED ANIMAL FEEDS-----	2,224		2,224					
2049 GRAIN MILL PRODUCTS, NEC-----	2,372	133	2,239					
2061 SUGAR-----	309,440	265,661	1	43,798				
2062 MOLASSES-----	24,848	24,545	303					
2081 ALCOHOLIC BEVERAGES-----	483	40	443					
2091 VEGETABLE OILS, MARG, SHORT-----	41,173	29,845	945					14,383
2092 ANIMAL OILS AND FATS, NEC-----	1,113		1,113					
2099 MISCELLANEOUS FOOD PRODUCTS-----	19,380	14,190	5,221					
2111 TOBACCO MANUFACTURES-----	149	7	142					
2211 BASIC TEXTILE PRODUCTS-----	6,293	1,826	4,467					
2212 TEXTILE FIBERS, NEC-----	164		164					
2311 APPAREL-----	1,067	157	910					
2411 LOGS-----	94	2	92					
2413 FUEL WOOD, CHARCOAL, WASTES-----	124		124					
2421 LUMBER-----	48,983	48,937	46					
2431 VENEER, PLYWOOD, WORKED WOOD-----	95	14	39					
2491 WOOD MANUFACTURES, NEC-----	463	118	348					
2511 FURNITURE AND FIXTURES-----	609	227	442					
2611 PULP-----	379		379					
2631 PAPER AND PAPERBOARD-----	14,693	1,861	12,992					
2691 PULP AND PAPER PRODUCTS, NEC-----	5,293	288	4,944					
2711 PRINTED MATTER-----	3,907	1,004	2,903					
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	8		8					
2812 DYES, PIGMENT, TANNING MATS-----	780		780					
2813 ALCOHOLS-----	28		28					
2818 SULPHURIC ACID-----	17,035		6,139	2,078				8,842
2819 BASIC CHEMICALS AND PROD, NEC-----	33,997	1,801	32,196					
2821 PLASTIC MATERIALS-----	23,069	238	22,831					
2822 SYNTHETIC RUBBER-----	9,878		9,878					
2823 SYNTHETIC (MAN-MADE) FIBERS-----	290		280					
2831 DRUGS-----	1,047	204	763					
2841 SOAP-----	6,898	1,290	5,038					
2891 PAINTS-----	2,825	297	2,998					
2891 GUM AND WOOD CHEMICALS-----	38	14	4					
2891 NITROGENOUS CHEM FERTILIZERS-----	139		139					
2891 PHOSPHATIC CHEM FERTILIZERS-----	187		187					
2891 INSECTICIDES, DISINFECTANTS-----	681		681					
2891 FERTILIZER AND MATERIALS, NEC-----	93		93					
2891 MISCELLANEOUS CHEMICAL PROD-----	12,919	319	12,600					
2911 GASOLINE-----	82,727		741		5,661			76,325
2912 JET FUEL-----	5,696			5,656				
2913 KEROSENE-----	5,818		91					5,767
2914 DISTILLATE FUEL OIL-----	1,120,174	2,599	82,290	48,813	8,218	4,688	978,214	
2919 RESIDUAL FUEL OIL-----	7,999,864	2,619,979	9	634,726	94,189	2,409	312,836	3,899,844
2916 LUBRICATING OILS AND GREASES-----	10,002	9	6,900					3,497
2918 ASPHALT, TAR, AND PITCHES-----	264		264					
2928 COKE, PETROLEUM COKE-----	282		282					
2921 LIQUEFIED GASES-----	932		932					
2991 ASPHALT BUILDING MATERIALS-----	181		181					
2991 PETROLEUM AND COAL PROD, NEC-----	5,893	97	2,281			324		3,191
3811 RUBBER AND MISC PLASTIC PROD-----	6,847	939	5,912					

## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

EAST RIVER, N. Y. (INCLUDED IN PORT OF NEW YORK)--CONTINUED

FREIGHT TRAFFIC, 1980--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
3111 LEATHER AND LEATHER PRODUCTS-----	4,104	4,002	102	-----	-----	-----	-----	-----
3211 GLASS AND GLASS PRODUCTS-----	1,949	74	1,875	-----	-----	-----	-----	-----
3241 BUILDING CEMENT-----	199,114	192,230	182	-----	-----	46,702	-----	-----
3251 STRUCTURAL CLAY PRODUCTS-----	1,066	105	961	-----	-----	-----	-----	-----
3271 LIME-----	24	24	-----	-----	-----	-----	-----	-----
3281 CUT STONE AND STONE PRODUCTS-----	113	100	13	-----	-----	-----	-----	-----
3291 MISC NONMETALLIC MINERAL PROD-----	3,424	498	2,924	-----	-----	-----	-----	-----
3314 IRON AND STEEL PRIMARY FORMS-----	49	49	-----	-----	-----	-----	-----	-----
3315 IRON, STEEL SHAPES, EXC SHEET-----	3,969	966	3,403	-----	-----	-----	-----	-----
3316 IRON AND STEEL PLATES, SHEETS-----	10,972	-----	10,972	-----	-----	-----	-----	-----
3317 IRON AND STEEL PIPE AND TUBE-----	9,485	6,786	2,779	-----	-----	-----	-----	-----
3318 FERROALLOYS-----	115	-----	115	-----	-----	-----	-----	-----
3319 IRON AND STEEL PRODUCTS, NEC-----	1,791	542	1,279	-----	-----	-----	-----	-----
3321 NONFERROUS METALS, NEC-----	3,886	2,353	1,573	-----	-----	-----	-----	-----
3322 COPPER ALLOYS, UNWORKED-----	30,300	8,404	3,117	-----	-----	-----	-----	18,779
3323 LEAD AND ZINC, UNWORKED-----	1,553	942	611	-----	-----	-----	-----	-----
3324 ALUMINUM AND ALLOYS, UNWORKED-----	4,400	91	4,309	-----	-----	-----	-----	-----
3411 FABRICATED METAL PRODUCTS-----	10,897	2,174	8,701	-----	15	-----	-----	7
3511 MACHINERY, EXCEPT ELECTRICAL-----	30,272	857	37,439	-----	-----	-----	-----	16
3611 ELECTRICAL MACH AND EQUIP-----	18,260	431	17,829	-----	-----	-----	-----	-----
3711 MOTOR VEHICLES, PARTS, EQUIP-----	25,055	4,156	20,899	-----	-----	-----	-----	-----
3721 AIRCRAFT AND PARTS-----	365	-----	365	-----	-----	-----	-----	-----
3731 SHIPS AND BOATS-----	284	10	274	-----	-----	-----	-----	-----
3791 MISC TRANSPORTATION EQUIPMENT-----	2,078	159	1,949	-----	-----	-----	-----	-----
3811 INSTR, TIME, PHOTO, OPT GOODS-----	3,834	244	3,590	-----	-----	-----	-----	-----
3911 MISC MANUFACTURED PRODUCTS-----	1,899	204	1,695	-----	-----	-----	-----	-----
4011 IRON AND STEEL SCRAP-----	61,574	4,485	798	-----	-----	-----	-----	86,379
4012 NONFERROUS METAL SCRAP-----	3,473	6	3,467	-----	-----	-----	-----	-----
4022 TEXTILE WASTE, SCRAP, SWEEP-----	9,336	-----	9,336	-----	-----	-----	-----	-----
4024 PAPER WASTE AND SCRAP-----	1,239	-----	1,239	-----	-----	-----	-----	-----
4029 WASTE AND SCRAP, NEC-----	3,154,289	-----	-----	-----	-----	8,326,527	-----	827,862
4111 WATER-----	1,969	-----	-----	-----	-----	-----	-----	1,969
4112 COMMODITIES, NEC-----	1,504	663	767	-----	-----	-----	-----	74
9999 DEPARTMENT OF DEFENSE AND SCI-----	1,058	-----	1,058	-----	-----	-----	-----	-----
TOTAL TON-MILES, 554,225,887.								

NEWTON CREEK, N. Y. (INCLUDED IN PORT OF NEW YORK)

SECTION INCLUDED: FROM EAST RIVER TO JOHNSON AVENUE, CONTROLLING DEPTH: MAIN CHANNEL, 20 FEET TO 12 FEET FROM EAST RIVER TO SOUTH END OF TURNING BASIN; BALANCE OF WATERWAY RANGES BETWEEN 12 AND 16 FEET, PROJECT DEPTH: 23, 20, AND 12 FEET; ALL AT MEAN LOW WATER, PROJECT LENGTH: 5.2 MILES.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971-----	5,115,286	1976-----	4,957,921
1972-----	5,164,233	1977-----	4,309,921
1973-----	5,272,950	1978-----	4,209,403
1974-----	9,418,247	1979-----	3,275,214
1975-----	4,666,772	1980-----	3,486,870

## FREIGHT TRAFFIC, 1980

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE		INTERNAL		LOCAL
		RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL-----	8,486,870	180,820	148	410,565	14,599	2,686,738
1442 SAND, GRAVEL, CRUSHED ROCK-----	524,964	168,101	-----	356,855	-----	-----
1499 NONMETALLIC MINERALS, NEC-----	3,980	-----	-----	-----	-----	3,980
2010 SULPHURIC ACID-----	4,000	-----	-----	-----	-----	4,000
2011 GASOLINE-----	1,267,766	61,651	148	4,632	-----	1,256,555
2013 KEROSENE-----	132,845	-----	-----	-----	-----	132,845
2014 DISTILLATE FUEL OIL-----	524,853	4,264	-----	760	599	519,230
2015 RESIDUAL FUEL OIL-----	142,369	2,004	-----	-----	-----	140,365
2016 LUBRICATING OILS AND GREASES-----	12	-----	-----	-----	-----	12
2017 NAPHTHA, PETROLEUM SOLVENTS-----	36,576	-----	-----	-----	-----	36,576
2091 PETROLEUM AND COAL PROD, NEC-----	40,229	-----	-----	-----	-----	40,229
3241 BUILDING CEMENT-----	49,941	-----	-----	48,000	-----	1,941
3322 COPPER ALLOYS, UNWORKED-----	92,714	-----	-----	-----	-----	92,714
4011 IRON AND STEEL SCRAP-----	323,029	-----	-----	318	-----	322,711
4029 WASTE AND SCRAP, NEC-----	363,614	-----	-----	-----	14,080	329,614
TOTAL TON-MILES, 6,259,493.						

## NEW YORK, N. Y., DISTRICT

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BUTTERNUT CHANNEL, N. Y. (INCLUDED IN PORT OF NEW YORK)

SECTION INCLUDED: FROM EAST RIVER TO ANCHORAGE CHANNEL, CONTROLLING DEPTH: 35-FOOT PROJECT WESTERLY HALF OF CHANNEL, DEPTH AT 35 FEET: 40-FOOT PROJECT EASTERLY HALF OF CHANNEL, DEPTH AT 40 FEET, PROJECT DEPTH: 35 FEET AND 40 FEET, ALL AT MEAN LOW WATER, PROJECT LENGTH: 2.3 MILES.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	THROUGH TRAFFIC (TONS)	ADDITIONAL TRAFFIC			
				RAILROAD FREIGHT CARS		SHIPMENTS	
				RECEIPTS EMPTY	LOADED	EMPTY	LOADED
1971	2,126,490	79	823,051	981	7,787	4,167	1,991
1972	1,977,027	125	1,034,458	981	8,853	5,847	2,553
1973	1,932,598	28	664,129	567	8,314	5,797	3,403
1974	2,237,872	907	733,194	499	9,114	7,680	2,116
1975	1,688,704	26	894,689	224	7,034	6,262	1,331
1976	1,353,902	5	874,762	170	5,767	4,443	1,133
1977	1,648,738	6	887,126	816	4,504	4,052	967
1978	1,502,187	-----	744,107	130	3,762	3,048	130
1979	1,123,823	-----	551,819	-----	-----	-----	-----
1980	1,120,740	-----	412,261	12	359	398	34

## FREIGHT TRAFFIC, 1980

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC	
		IMPORTS	EXPORTS	INTERNAL	
				RECEIPTS	LOCAL
TOTAL	1,120,740	426,101	407,750	41,175	245,714
0103 CORN	121	3	118	-----	-----
0104 OATS	3	-----	3	-----	-----
0105 RICE	136	136	-----	-----	-----
0119 OILSEEDS, NEC	330	313	17	-----	-----
0121 TOBACCO, LEAF	910	904	6	-----	-----
0129 FIELD CROPS, NEC	967	925	42	-----	-----
0131 FRESH FRUITS AND TREE NUTS	6,832	6,446	386	-----	-----
0133 COFFEE	128,319	100,926	44	-----	27,349
0134 COCOA BEANS	1,773	1,773	-----	-----	-----
0141 FRESH AND FROZEN VEGETABLES	4,382	771	3,611	-----	-----
0161 ANIMALS AND PRODUCTS, NEC	4,261	4,000	261	-----	-----
0191 MISCELLANEOUS FARM PRODUCTS	271	269	2	-----	-----
0841 CRUDE RUBBER AND ALLIED GUMS	11,424	10,895	529	-----	-----
0861 FOREST PRODUCTS, NEC	32,486	31,776	710	-----	-----
0911 FRESH FISH, EXCEPT SHELLFISH	1,310	1,237	73	-----	-----
0912 SHELLFISH, EXCEPT PREPARED	4,422	4,384	36	-----	-----
1011 IRON ORE AND CONCENTRATES	11	11	-----	-----	-----
1051 ALUMINUM ORES, CONCENTRATES	39	-----	35	-----	-----
1091 NONFERROUS ORES, CONCENT, NEC	984	909	75	-----	-----
1121 COAL AND LIGNITE	253	-----	253	-----	-----
1411 LIMESTONE	211	29	182	-----	-----
1412 BUILDING STONE, UNWORKED	1,258	-----	1,258	-----	-----
1442 SAND, GRAVEL, CRUSHED ROCK	41,667	372	320	41,175	-----
1491 CLAY	4,092	3,148	944	-----	-----
1491 SALT	482	-----	482	-----	-----
1492 SULPHUR, DRY	84	-----	84	-----	-----
1499 NONMETALLIC MINERALS, NEC	5,901	4,208	1,693	-----	-----
1911 ORDNANCE AND ACCESSORIES	197	45	152	-----	-----
2011 MEAT, FRESH, CHILLED, FROZEN	5,795	145	5,650	-----	-----
2012 MEAT AND PRODUCTS, NEC	1,099	589	510	-----	-----
2014 TALLOW, ANIMAL FATS AND OILS	39,204	-----	28,934	-----	10,275
2019 ANIMAL BY-PRODUCTS, NEC	1,462	1,374	88	-----	-----
2021 DAIRY PRODUCTS, NEC	419	359	60	-----	-----
2022 DRIED MILK AND CREAM	333	-----	333	-----	-----
2031 FISH AND SHELLFISH, PREPARED	1,920	1,866	54	-----	-----
2034 VEGETABLES AND PREP, NEC	4,251	3,270	981	-----	-----
2039 PREP FRUIT AND VEG JUICE, NEC	17,731	16,987	744	-----	-----
2041 WHEAT FLOUR AND SEMOLINA	353	-----	353	-----	-----
2042 PREPARED ANIMAL FEEDS	1,294	61	1,233	-----	-----
2049 GRAIN MILL PRODUCTS, NEC	2,574	1,177	1,397	-----	-----
2061 SUGAR	383	365	18	-----	-----
2062 MOLASSES	13,958	13,318	640	-----	-----
2081 ALCOHOLIC BEVERAGES	5,793	5,337	456	-----	-----
2091 VEGETABLE OILS, MARG, SHORT	31,451	11,368	1,242	-----	18,841
2092 ANIMAL OILS AND FATS, NEC	1	-----	1	-----	-----
2099 MISCELLANEOUS FOOD PRODUCTS	51,752	47,026	4,726	-----	-----
2111 TOBACCO MANUFACTURES	864	4	860	-----	-----
2211 BASIC TEXTILE PRODUCTS	26,642	16,195	10,447	-----	-----
2212 TEXTILE FIBERS, NEC	2,993	2,889	104	-----	-----
2311 APPAREL	4,748	3,081	1,567	-----	-----
2411 LOGS	14,079	-----	14,079	-----	-----
2413 FUEL WOOD, CHARCOAL, WASTES	945	35	510	-----	-----
2416 WOOD CHIPS, STAVES, HOLDINGS	42	42	-----	-----	-----
2421 LUMBER	2,711	2,526	185	-----	-----
2431 VENEER, PLYWOOD, WORKED WOOD	1,115	598	517	-----	-----
2491 WOOD MANUFACTURES, NEC	3,034	2,738	316	-----	-----
2511 FURNITURE AND FIXTURES	2,634	1,748	986	-----	-----
2611 PULP	646	153	493	-----	-----
2631 PAPER AND PAPERBOARD	17,065	1,950	15,115	-----	-----
2691 PULP AND PAPER PRODUCTS, NEC	4,652	174	4,478	-----	-----
2711 PRINTED MATTER	3,527	295	3,232	-----	-----
2811 CRUDE PETROLEUM, GAS PRODUCTS	-----	-----	168	-----	-----
2812 DYES, PIGMENT, TANNING MATS	949	-----	949	-----	-----
2813 ALCOHOLS	72	-----	72	-----	-----
2816 RADIOACTIVE MATERIALS, WASTES	3	-----	-----	-----	-----
2819 BASIC CHEMICALS AND PROD, NEC	35,141	9,766	29,375	-----	-----
2821 PLASTIC MATERIALS	28,755	825	25,930	-----	-----

## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

BUTTERMILK CHANNEL, N. Y. (INCLUDED IN PORT OF NEW YORK)--CONTINUED

FREIGHT TRAFFIC, 1980--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC	
		IMPORTS	EXPORTS	INTERNAL RECEIPTS	LOCAL
2822 SYNTHETIC RUBBER-----	1,814		1,814		
2823 SYNTHETIC (MAN-MADE) FIBERS-----	911	289	222		
2831 DRUGS-----	1,983	788	1,195		
2841 SOAP-----	7,406	2,350	5,056		
2851 PAINTS-----	3,963	1,806	2,157		
2861 GUM AND WOOD CHEMICALS-----	91	46	45		
2871 NITROGENOUS CHEM FERTILIZERS-----	149		149		
2873 PHOSPHATIC CHEM FERTILIZERS-----	38		38		
2876 INSECTICIDES, DISINFECTANTS-----	972		972		
2879 FERTILIZER AND MATERIALS, NEC-----	212		212		
2891 MISCELLANEOUS CHEMICAL PROD-----	15,934	775	15,159		
2911 GASOLINE-----	1,022		1,022		
2914 DISTILLATE FUEL OIL-----	18,013		5		18,008
2919 RESIDUAL FUEL OIL-----	198,509				198,509
2916 LUBRICATING OILS AND GREASES-----	11,701	2	9,248		2,451
2917 NAPHTHA, PETROLEUM SOLVENTS-----	4,378				1,378
2918 ASPHALT, TAR, AND BITUMENS-----	2,481	1,381	1,100		
2920 COKE, PETROLEUM COKE-----	28		28		
2921 LIQUEFIED GASES-----	893		893		
2951 ASPHALT BUILDING MATERIALS-----	253		253		
2991 PETROLEUM AND COAL PROD, NEC-----	7,120	3,279	3,841		
3011 RUBBER AND MISC PLASTIC PROD-----	8,763	3,384	5,379		
3111 LEATHER AND LEATHER PRODUCTS-----	8,162	6,672	1,490		
3211 GLASS AND GLASS PRODUCTS-----	4,697	929	3,768		
3241 BUILDING CEMENT-----	453		453		
3251 STRUCTURAL CLAY PRODUCTS-----	9,928	6,658	3,273		
3271 LIME-----	42		42		
3281 CUT STONE AND STONE PRODUCTS-----	6,106	6,828	78		
3291 MISC NONMETALLIC MINERAL PROD-----	3,086	1,308	1,778		
3314 IRON AND STEEL PRIMARY FORMS-----	272		272		
3315 IRON, STEEL SHAPES, EXC SHEET-----	5,535	4,119	1,416		
3316 IRON AND STEEL PLATES, SHEETS-----	23,496		23,496		
3317 IRON AND STEEL PIPE AND TUBE-----	9,628	5,971	3,656		
3318 FERROALLOYS-----	440	28	420		
3319 IRON AND STEEL PRODUCTS, NEC-----	2,339	1,161	1,178		
3321 NONFERROUS METALS, NEC-----	9,459	8,466	993		
3322 COPPER ALLOYS, UNWORKED-----	26,802	14,823	11,978		10,901
3323 LEAD AND ZINC, UNWORKED-----	323	230	93		
3324 ALUMINUM AND ALLOYS, UNWORKED-----	5,522	386	5,136		
3411 FABRICATED METAL PRODUCTS-----	41,046	23,727	17,319		
3511 MACHINERY, EXCEPT ELECTRICAL-----	56,943	6,158	50,785		
3611 ELECTRICAL MACH AND EQUIP-----	27,674	2,219	25,455		
3711 MOTOR VEHICLES, PARTS, EQUIP-----	18,790	3,861	14,929		
3721 AIRCRAFT AND PARTS-----	340	9	331		
3731 SHIPS AND BOATS-----	402	21	381		
3791 MISC TRANSPORTATION EQUIPMENT-----	3,277	392	2,885		
3811 INSTP, TIME, PHOTO, OPT GOODS-----	9,697	179	9,518		
3911 MISC MANUFACTURED PRODUCTS-----	5,315	2,049	3,266		
4011 IRON AND STEEL SCRAP-----	799	85	714		
4012 NONFERROUS METAL SCRAP-----	2,175		2,175		
4022 TEXTILE WASTE, SCRAP, SWEEP-----	10,662	178	10,484		
4024 PAPER WASTE AND SCRAP-----	1,892		1,892		
4112 COMMODITIES, NEC-----	3,522	2,605	917		
9999 DEPARTMENT OF DEFENSE AND SCI-----	4,238		4,238		2
TOTAL TON-MILES-----	3,016,125				

BAY RIDGE AND RED HOOK CHANNELS, N. Y.  
(INCLUDED IN PORT OF NEW YORK)SECTION INCLUDED: FROM NARROWS TO BUTTERMILK CHANNEL, CONTROLLING DEPTH: 40 FEET FROM NARROWS TO 60TH STREET PIER, BROOKLYN;  
BALANCE OF WATERWAY RANGES FROM 30 TO 35 FEET, PROJECT DEPTH: 40 FEET, ALL AT MEAN LOW WATER, PROJECT LENGTH: 4 MILES.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	THROUGH TRAFFIC (TONS)	ADDITIONAL TRAFFIC			
				RAILROAD FREIGHT CARS		SHIPMENTS	
				EMPTY	LOADED	EMPTY	LOADED
1971-----	3,239,122	12,003	2,533,210	44	9,665	191	3,695
1972-----	2,963,971	9,891	2,282,343	-----	194	90	27
1973-----	2,962,735	11,918	3,398,770	111	226	103	5
1974-----	2,813,738	17,048	8,878,250	18	107	52	10
1975-----	2,739,355	4,913	2,575,592	788	7,296	25	1
1976-----	2,836,904	8,656	2,688,582	-----	-----	-----	-----
1977-----	2,457,889	118,452	3,117,259	-----	-----	-----	-----
1978-----	2,301,608	218,133	2,420,589	1,156	123	23	1,267
1979-----	1,883,904	-----	2,379,412	161	4,488	4,181	1,065
1980-----	1,937,273	-----	2,006,237	90	1,901	1,889	220

## NEW YORK, N. Y., DISTRICT

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BAY RIDGE AND RED HOOK CHANNELS, N. Y.  
(INCLUDED IN PORT OF NEW YORK)--CONTINUED

FREIGHT TRAFFIC, 1960

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		LOCAL		
		IMPORTS	EXPORTS	COASTWISE			INTERNAL	
				RECEIPTS	SHIPMENTS		RECEIPTS	SHIPMENTS
TOTAL-----	1,937,273	516,433	369,217	19,716	38,733	979	297,920	674,273
0103 CORN-----	102		102					
0104 OATS-----	177		177					
0109 RICE-----	276	275	1					
0119 OILSEEDS, NEC-----	518	485	33					
0121 TOBACCO, LEAF-----	1,006	922	84					
0129 FIELD CROPS, NEC-----	4,529	4,491	38					
0131 FRESH FRUITS AND TREE NUTS-----	8,593	8,107	486					
0133 COFFEE-----	45,693	31,817	492					13,384
0134 COCOA BEANS-----	429	179	250					
0141 FRESH AND FROZEN VEGETABLES-----	1,886	604	1,282					
0151 LIVE ANIMALS-----	17		17					
0161 ANIMALS AND PRODUCTS, NEC-----	1,684	1,529	155					
0191 MISCELLANEOUS FARM PRODUCTS-----	121	110	11					
0841 CRUDE RUBBER AND ALLIED GUMS-----	419	322	97					
0841 FOREST PRODUCTS, NEC-----	3,381	3,145	236					
0911 FRESH FISH, EXCEPT SHELLFISH-----	876	772	104					
0912 SHELLFISH, EXCEPT PREPARED-----	1,790	1,721	69					
1091 ALUMINUM ORES, CONCENTRATES-----	10	9	1					
1091 NONFERROUS ORES, CONCENT, NEC-----	220	214	6					
1121 COAL AND LIGNITE-----	14	3	11					
1411 LIMESTONE-----	6,075	20	6,055					
1412 BUILDING STONE, UNWORKED-----	407		407					
1442 SAND, GRAVEL, CRUSHED ROCK-----	1,543		544			979		
1451 CLAY-----	1,208	1,029	179					
1491 SALT-----	17	1	16					
1492 SULPHUR, DRY-----	21	1	20					
1499 NONMETALLIC MINERALS, NEC-----	2,154	377	1,777					500
1911 ORDNANCE AND ACCESSORIES-----	348	61	287					
2011 MEAT, FRESH, CHILLED, FROZEN-----	4,928	495	4,433					
2012 MEAT AND PRODUCTS, NEC-----	16,227	14,997	1,230					
2014 TALLOW, ANIMAL FATS AND OILS-----	28,210		21,749					6,461
2019 ANIMAL BY-PRODUCTS, NEC-----	742	187	555					
2021 DAIRY PRODUCTS, NEC-----	2,639	2,508	131					
2022 DRIED MILK AND CREAM-----	292		292					
2031 FISH AND SHELLFISH, PREPARED-----	2,894	2,641	253					
2034 VEGETABLES AND PREP, NEC-----	22,889	20,190	2,699					
2039 PREP FRUIT AND VEG JUICE, NEC-----	11,207	9,949	1,258					
2041 WHEAT FLOUR AND SEMOLINA-----	441		441					
2042 PREPARED ANIMAL FEEDS-----	5,623	11	5,612					
2049 GRAIN MILL PRODUCTS, NEC-----	8,888	2,830	6,058					
2041 SUGAR-----	176,044	118,738	57,306	18,024				
2042 MOLASSES-----	5,242		1,000		4,242			
2081 ALCOHOLIC BEVERAGES-----	60,708	58,570	8,138					
2091 VEGETABLE OILS, MARG, SHORT-----	15,467	7,215	1,323					6,929
2092 ANIMAL OILS AND FATS, NEC-----	1		1					
2099 MISCELLANEOUS FOOD PRODUCTS-----	24,962	10,937	14,025					
2111 TOBACCO MANUFACTURES-----	156	4	152					
2211 BASIC TEXTILE PRODUCTS-----	26,494	9,113	17,381					
2212 TEXTILE FIBERS, NEC-----	1,032	1,032						
2311 APPAREL-----	5,096	3,737	1,359					
2411 LOGS-----	128	21	107					
2413 FUEL WOOD, CHARCOAL, WASTES-----	2,422	2,300	122					
2414 TIMBER, POSTS, POLES, PILING-----	108	108						
2416 WOOD CHIPS, STAVES, HOLDINGS-----	30		30					
2421 LUMBER-----	2,967		2,010					
2431 VENEER, PLYWOOD, WORKED WOOD-----	1,839	1,311	528					
2491 WOOD MANUFACTURES, NEC-----	2,235	1,475	760					
2511 FURNITURE AND FIXTURES-----	20,403	18,666	1,735					
2611 PULP-----	1,076	125	951					
2631 PAPER AND PAPERBOARD-----	9,690	2,809	6,881					
2691 PULP AND PAPER PRODUCTS, NEC-----	4,184	340	3,844					
2711 PRINTED MATTER-----	3,394	1,278	2,116					
2811 CRUDE YAR, OIL, GAS PRODUCTS-----	9		9					
2812 DYES, PIGMENT, TANNING MATS-----	410		410					
2813 ALCOHOLS-----	41		41					
2819 BASIC CHEMICALS AND PROD, NEC-----	14,031	5,423	8,608					
2821 PLASTIC MATERIALS-----	24,811	1,726	23,085					
2822 SYNTHETIC RUBBER-----	830		830					
2823 SYNTHETIC (MAN-MADE) FIBERS-----	386	122	264					
2831 DRUGS-----	1,768		888					
2841 SOAP-----	5,847	900	5,347					
2851 PAINTS-----	3,251	932	2,319					
2861 GUM AND WOOD CHEMICALS-----	134	117	17					
2871 NITROGENOUS CHEM FERTILIZERS-----	18		18					
2872 POTASSIC CHEM FERTILIZERS-----	18		18					
2873 PHOSPHATIC CHEM FERTILIZERS-----	406		406					
2876 INSECTICIDES, DISINFECTANTS-----	1,416	199	1,217					
2879 FERTILIZER AND MATERIALS, NEC-----	72		72					
2891 MISCELLANEOUS CHEMICAL PROD-----	10,027	1,736	8,291					
2911 GASOLINE-----	5,324		293	1,692	2,362			977
2912 JET FUEL-----	4,239							4,235
2914 DISTILLATE FUEL OIL-----	33,622				2,293			31,328
2919 RESIDUAL FUEL OIL-----	397,586	65,393	48		29,836			382,398
2916 LUBRICATING OILS AND GREASES-----	3,627		2,718					889
2917 NAPHTHA, PETROLEUM SOLVENTS-----	727							727
2918 ASPHALT, TAR, AND BITUMES-----	276	204	72					
2920 COKE, PETROLEUM COKE-----	176		176					
2921 LIQUEFIED GASES-----	817		817					
2951 ASPHALT BUILDING MATERIALS-----	677		677					
2991 PETROLEUM AND COAL PROD, NEC-----	790	117	595					78
3011 RUBBER AND MISC PLASTIC PROD-----	8,511	3,178	5,333					



## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

BAY RIDGE AND RED HOOK CHANNELS, N. Y.  
(INCLUDED IN PORT OF NEW YORK)--CONTINUED

FREIGHT TRAFFIC, 1980--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
3111 LEATHER AND LEATHER PRODUCTS-----	6,371	5,764	607					
3211 GLASS AND GLASS PRODUCTS-----	16,003	13,284	2,809					
3241 BUILDING CEMENT-----	236		236					
3251 STRUCTURAL CLAY PRODUCTS-----	12,351	11,275	1,076					
3271 LIME-----	3		3					
3281 CUT STONE AND STONE PRODUCTS-----	4,021	3,995	26					
3291 MISC NONMETALLIC MINERAL PROD-----	2,820	1,912	1,808					
3311 IRON AND STEEL PRIMARY FORMS-----	333	39	294					
3319 IRON, STEEL SHAPES, ETC SHEET-----	3,508	2,266	1,242					
3316 IRON AND STEEL PLATES, SHEETS-----	11,772		11,772					
3317 IRON AND STEEL PIPE AND TUBE-----	6,093	4,437	1,656					
3318 FERROALLOYS-----	380	347	33					
3319 IRON AND STEEL PRODUCTS, NEC-----	690	369	321					
3321 NONFERROUS METALS, NEC-----	918	298	620					
3322 COPPER ALLOYS, UNWORKED-----	16,030	12,362	1,058					2,610
3323 LEAD AND ZINC, UNWORKED-----	166	19	147					
3324 ALUMINUM AND ALLOYS, UNWORKED-----	5,390	4,691	699					
3411 FABRICATED METAL PRODUCTS-----	22,132	10,921	11,210					1
3511 MACHINERY, EXCEPT ELECTRICAL-----	33,865	7,521	26,744					
3611 ELECTRICAL MACH AND EQUIP-----	17,567	4,091	13,476					
3711 MOTOR VEHICLES, PARTS, EQUIP-----	10,725	1,609	9,116					
3721 AIRCRAFT AND PARTS-----	183		183					
3731 SHIPS AND BOATS-----	175	45	130					
3791 MISC TRANSPORTATION EQUIPMENT-----	1,225	64	1,181					
3811 INSTR, TIME, PHOTO, OPT GOODS-----	2,401	390	2,091					
3911 MISC MANUFACTURED PRODUCTS-----	5,047	2,981	2,466					
4011 IRON AND STEEL SCRAP-----	7,831	79	7,792					
4012 NONFERROUS METAL SCRAP-----	2,208	2	2,206					
4022 TEXTILE WASTE, SCRAP, SWEEP-----	21,306		21,306					
4024 PAPER WASTE AND SCRAP-----	37,632		37,632					
4029 WASTE AND SCRAP, NEC-----	600,928						297,920	303,008
4111 WATER-----	700							700
4112 COMMODITIES, NEC-----	1,953	728	1,197					28
9999 DEPARTMENT OF DEFENSE AND SCI-----	6,241		6,241					
TOTAL TON-MILES,-----	9,094,802.							

GOMANUS CREEK CHANNEL, N. Y. (INCLUDED IN PORT OF NEW YORK)

SECTION INCLUDED: FROM 28TH STREET TO HAMILTON AVENUE BRIDGE, CONTROLLING DEPTH: 30 FEET FROM ENTRANCE TO PERCIVAL STREET, THENCE 28 FEET TO SIGOURNEY STREET, THENCE 15 FEET TO HAMILTON AVE, 129 FEET IN BRANCH CHANNEL IN HENRY ST. BASIN; PROJECT DEPTH: 30 FEET AND 18 FEET ALL AT MEAN LOW WATER. PROJECT LENGTH: 0.8 MILES.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	THROUGH TRAFFIC (TONS)	ADDITIONAL TRAFFIC			
			RAILROAD FREIGHT CARS		SHIPMENTS	
			EMPTY	LOADED	EMPTY	LOADED
1971-----	2,680,972	670,198		23	23	
1972-----	4,302,377	635,583		24		24
1973-----	3,963,697	478,976	10	21	30	1
1974-----	3,636,931	599,475	10	21	39	
1975-----	3,330,675	429,461	33	180	201	12
1976-----	3,178,742	345,982	6	44	50	
1977-----	3,200,485	565,165				
1978-----	2,689,078	503,887				
1979-----	2,583,248	498,398				
1980-----	2,211,116	618,282				

## FREIGHT TRAFFIC, 1980

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL-----	2,211,116	243,095	208,409	342,969	38,334	935	4,926	1,372,798
0103 CORN-----	91		91					
0104 OATS-----	3		3					
0109 RICE-----	8		8					
0111 SOYBEANS-----	63		63					
0119 OILSEEDS, NEC-----	11	11						
0121 TOBACCO, LEAF-----	279	111	164					
0129 FIELD CROPS, NEC-----	131	128	3					
0131 FRESH FRUITS AND TREE NUTS-----	974		974					
0133 COFFEE-----	76,698	54,137	8					22,513
0134 COCOA BEANS-----	989	989						
0141 FRESH AND FROZEN VEGETABLES-----	5,414	525	4,869					
0161 ANIMALS AND PRODUCTS, NEC-----	1,512	1,162	370					
0191 MISCELLANEOUS FARM PRODUCTS-----	177	169	8					
0841 CRUDE RUBBER AND ALLIED GUMS-----	120	42	78					
0841 FOREST PRODUCTS, NEC-----	4,276	3,644	632					
0911 FRESH FISH, EXCEPT SHELLFISH-----	2,381	2,218	163					

## NEW YORK, N. Y., DISTRICT

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GOWANUS CREEK CHANNEL, N. Y. (INCLUDED IN PORT OF NEW YORK)--CONTINUED

FREIGHT TRAFFIC, 1968--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
0912 SHELLFISH, EXCEPT PREPARED	6,917	6,882	35					
1011 IRON ORE AND CONCENTRATES	34		34					
1091 ALUMINUM ORES, CONCENTRATES	6		6					
1091 NONFERROUS ORES, CONCENT, NEC	284	250	34					
1121 COAL AND LIGNITE	278	208	70					
1311 CRUDE PETROLEUM	9	9						
1411 LIMESTONE	3,336		3,336					
1412 BUILDING STONE, UNWORKED	167		167					
1442 SAND, GRAVEL, CRUSHED ROCK	3,586	137	1,173	1,341		939		
1491 CLAY	1,592	101	1,491					
1491 SALT	5		5					
1492 SULPHUR, DRY	30		30					
1499 NONMETALLIC MINERALS, NEC	1,139	337	802					
1911 ORDNANCE AND ACCESSORIES	190		190					
2011 MEAT, FRESH, CHILLED, FROZEN	3,619	22	3,597					
2012 MEAT AND PRODUCTS, NEC	4,373	2,927	1,446					
2014 TALLOW, ANIMAL FATS AND OILS	1,019		266					733
2015 ANIMAL BY-PRODUCTS, NEC	96	44	52					
2021 DAIRY PRODUCTS, NEC	1,489	1,391	98					
2022 DRIED MILK AND CREAM	228		228					
2031 FISH AND SHELLFISH, PREPARED	574		574					
2034 VEGETABLES AND PREP, NEC	2,679	1,315	1,364					
2039 PREP FRUIT AND VEG JUICE, NEC	14,749	13,679	1,070					
2041 WHEAT FLOUR AND SEMOLINA	211		211					
2042 PREPARED ANIMAL FEEDS	749	99	650					
2049 GRAIN MILL PRODUCTS, NEC	2,032	5	2,027					
2061 SUGAR	620		620					
2062 MOLASSES	689		689					
2061 ALCOHOLIC BEVERAGES	2,368	1,039	1,333					
2091 VEGETABLE OILS, MARB, SHORT	91,369	43,028	48,341					47,933
2092 ANIMAL OILS AND FATS, NEC	566	49	517					
2099 MISCELLANEOUS FOOD PRODUCTS	21,279	17,710	3,569					
2111 TOBACCO MANUFACTURES	164	17	147					
2211 BASIC TEXTILE PRODUCTS	7,043	1,968	5,075					
2212 TEXTILE FIBERS, NEC	14		14					
2311 APPAREL	2,977	600	2,377					
2411 LOGS	74		74					
2414 TIMBER, POSTS, POLES, PILING	98		98					
2416 WOOD CHIPS, STAVES, HOLDINGS	97		97					
2421 LUMBER	778	688	90					
2431 VENEER, PLYWOOD, WORKED WOOD	92	55	37					
2491 WOOD MANUFACTURES, NEC	948	579	369					
2511 FURNITURE AND FIXTURES	727	144	583					
2611 PULP	958		958					
2631 PAPER AND PAPERBOARD	17,972	9,772	8,200					
2691 PULP AND PAPER PRODUCTS, NEC	4,364	21	4,343					
2711 PRINTED MATTER	2,242	4	2,238					
2811 CRUDE TAR, OIL, GAS PRODUCTS	125		125					
2812 DYES, PIGMENT, TANNING MATS	567		567					
2813 ALCOHOLS	74		74					
2819 BASIC CHEMICALS AND PROD, NEC	20,242	3,689	16,553					
2821 PLASTIC MATERIALS	18,829	156	18,673					
2822 SYNTHETIC RUBBER	4,214		4,214					
2823 SYNTHETIC (MAN-MADE) FIBERS	504	321	183					
2831 DRUGS	1,107	366	741					
2841 SOAP	4,199	1,080	3,119					
2851 PAINTS	3,938	2,451	1,487					
2861 GUM AND WOOD CHEMICALS	103	31	72					
2871 NITROGENOUS CHEM FERTILIZERS	448		448					
2873 PHOSPHATIC CHEM FERTILIZERS	98		98					
2876 INSECTICIDES, DISINFECTANTS	1,200		1,200					
2879 FERTILIZER AND MATERIALS, NEC	119		119					
2891 MISCELLANEOUS CHEMICAL PROD	9,630	387	9,243					
2911 GASOLINE	293		293					
2914 DISTILLATE FUEL OIL	724,708		167	231,634	30,694	1,531	461,262	
2915 RESIDUAL FUEL OIL	976,298	32,996		110,194	7,640	3,395	822,113	
2916 LUBRICATING OILS AND GREASES	4,285		2,916				1,367	
2917 NAPHTHA, PETROLEUM SOLVENTS	2,454						2,454	
2918 ASPHALT, TAR, AND BITUMENS	195		195					
2920 COKE, PETROLEUM COKE	55		55					
2921 LIQUEFIED GASES	379		379					
2991 ASPHALT BUILDING MATERIALS	281		281					
2991 PETROLEUM AND COAL PROD, NEC	3,875	2,227	1,648					
3011 RUBBER AND MISC PLASTIC PROD	4,311	132	4,179				537	
3111 LEATHER AND LEATHER PRODUCTS	7,944	7,938	6					
3211 GLASS AND GLASS PRODUCTS	2,670	61	2,609					
3241 BUILDING CEMENT	49		49					
3251 STRUCTURAL CLAY PRODUCTS	2,192	1,281	911					
3271 LIME	37		37					
3281 CUT STONE AND STONE PRODUCTS	179	163	16					
3291 MISC NONMETALLIC MINERAL PROD	1,936	998	938					
3314 IRON AND STEEL PRIMARY FORMS	348		348					
3319 IRON, STEEL SHAPES, EXC SHEET	2,701	429	2,272					
3316 IRON AND STEEL PLATES, SHEETS	9,491		9,491					
3317 IRON AND STEEL PIPE AND TUBE	1,245	240	1,005					
3318 FERROALLOYS	122	100	22					
3319 IRON AND STEEL PRODUCTS, NEC	510	144	366					
3321 NONFERROUS METALS, NEC	3,430	1,381	2,049					
3322 COPPER ALLOYS, UNWORKED	13,349	6,389	6,960				6,960	
3323 LEAD AND ZINC, UNWORKED	125	4	121					
3324 ALUMINUM AND ALLOYS, UNWORKED	3,093	222	2,871					
3411 FABRICATED METAL PRODUCTS	9,876	3,913	5,963					
3911 MACHINERY, EXCEPT ELECTRICAL	20,960	2,147	18,813					
3911 ELECTRICAL MACH AND EQUIP	14,007	511	13,496					

## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

GO-ANUS CREEK CHANNEL, N. Y. (INCLUDED IN PORT OF NEW YORK)--CONTINUED

FREIGHT TRAFFIC, 1980--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
3711 MOTOR VEHICLES, PARTS, EQUIP-----	12,922	5,100	7,822					
3721 AIRCRAFT AND PARTS-----	36		36					
3731 SHIPS AND BOATS-----	94		94					
3791 MISC TRANSPORTATION EQUIPMENT-----	1,638	524	1,114					
3811 INSTR, TIME, PHOTO, OPT GOODS-----	4,137	60	4,069					
3911 MISC MANUFACTURED PRODUCTS-----	2,479	329	2,150					
4011 IRON AND STEEL SCRAP-----	310	299	11					
4012 NONFERROUS METAL SCRAP-----	1,520	120	1,400					
4022 TEXTILE WASTE, SCRAP, SWEEP-----	4,861	569	4,292					
4024 PAPER WASTE AND SCRAP-----	1,311		1,311					
4111 WATER-----	7,146							7,146
4112 COMMODITIES, NEC-----	1,959	1,130	829					
9999 DEPARTMENT OF DEFENSE AND SCI-----	9		9					
TOTAL TON-MILES, 2,829,398.								

CONEY ISLAND CHANNEL, N. Y. (INCLUDED IN PORT OF NEW YORK)

SECTION INCLUDED: FROM NORTON POINT TO DEEP WATER TO SOUTHEAST, CONTROLLING DEPTH: (1970) 20 FEET, PROJECT DEPTH: 20 FEET. ALL AT MEAN LOW WATER, PROJECT LENGTH: ABOUT 1.3 MILES.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	THROUGH TRAFFIC (TONS)	YEAR	THROUGH TRAFFIC (TONS)
1971-----	4,238,320	1976-----	3,531,477
1972-----	4,015,745	1977-----	3,632,468
1973-----	4,179,728	1978-----	3,666,765
1974-----	3,622,687	1979-----	3,123,192
1975-----	3,235,167	1980-----	2,669,289

EAST ROCKAWAY INLET, N. Y. (DEEP INLET)  
(INCLUDED IN PORT OF NEW YORK)

SECTION INCLUDED: A CHANNEL FROM DEEP WATER IN THE ATLANTIC OCEAN TO A 12-FOOT DEPTH INSIDE EAST ROCKAWAY INLET, CONTROLLING DEPTH: 8 FEET IN CHANNEL, PROJECT DEPTH: 12 FEET, ALL AT MEAN LOW WATER, PROJECT LENGTH: 1.0 MILE.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1971-----	3,268,943	145,890	1976-----	3,256,971	112,878
1972-----	3,438,832	150,340	1977-----	3,194,501	92,210
1973-----	3,208,971	154,440	1978-----	2,953,318	94,160
1974-----	3,004,239	161,564	1979-----	1,724,425	85,640
1975-----	3,085,762	143,302	1980-----	1,971,917	88,970

FREIGHT TRAFFIC, 1980

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE		LOCAL	INTERNAL	
		UPBOUND	DOWNBOUND		UPBOUND	DOWNBOUND
TOTAL-----	1,971,917	1,179,223	4,640	393	629	387,872
0911 FRESH FISH, EXCEPT SHELLFISH-----	380				380	
0912 SHELLFISH, EXCEPT PREPARED-----	329				329	
2011 GASOLINE-----	611,728	611,728				
2013 KEROSENE-----	1,926	1,926				
2014 DISTILLATE FUEL OIL-----	473,248	473,248		393		760
2019 RESIDUAL FUEL OIL-----	88,986	88,986				
2091 PETROLEUM AND COAL PROD, NEC-----	4,936	4,936				
4011 IRON AND STEEL SCRAP-----	4,640		4,640			
4029 WASTE AND SCRAP, NEC-----	386,312					386,312
TOTAL TON-MILES, 1,971,964.						

## NEW YORK, N. Y., DISTRICT

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JAMAICA BAY, N. Y. (INCLUDED IN PORT OF NEW YORK)

SECTION INCLUDED: ENTIRE BAY. CONTROLLING DEPTH: ENTRANCE CHANNEL--20 FEET FROM ATLANTIC OCEAN TO ROCKAWAY POINT, THENCE 10 FEET TO BARREN ISLAND. BRANCH CHANNELS RANGE FROM 12 TO 18 FEET. PROJECT DEPTH: 20, 18, 15 AND 12 FEET, ALL AT MEAN LOW WATER. PROJECT LENGTH: 19.7 MILES.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1971-----	4,472,580	982,978	1976-----	3,960,007	495,368
1972-----	4,686,792	498,268	1977-----	4,052,596	488,156
1973-----	4,535,647	548,596	1978-----	4,294,252	509,430
1974-----	3,837,423	560,754	1979-----	3,650,630	435,618
1975-----	3,999,417	541,018	1980-----	3,315,554	425,972

## FREIGHT TRAFFIC, 1980

## DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE		INTERNAL		LOCAL
		RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL-----	3,315,554	8,605	5,784	410,139	646,942	2,244,884
0911 FRESH FISH, EXCEPT SHELLFISH-----	2,228			2,228		
0912 SHELLFISH, EXCEPT PREPARED-----	141			141		
1442 SAND, GRAVEL, CRUSHED ROCK-----	453,366	5,596		407,770		
2011 GASOLINE-----	1,340,509					1,340,509
2012 JET FUEL-----	134,165					134,165
2013 KEROSENE-----	15,099					15,099
2014 DISTILLATE FUEL OIL-----	724,708	3,009	3,133			718,566
2015 RESIDUAL FUEL OIL-----	38,398		2,651			35,745
4029 WASTE AND SCRAP, NEC-----	646,942				646,942	
TOTAL TON-MILES, 39,090,006.						

HARITAN RIVER, N. J. (INCLUDED IN PORT OF NEW YORK)

SECTION INCLUDED: FROM DEEP WATER IN HARITAN BAY TO NEW BRUNSWICK. CONTROLLING DEPTH: MAIN CHANNEL, 25 FEET FROM N. Y. AND N. J. CHANNELS TO JUNCTION OF SOUTH CHANNEL; BALANCE OF WATERWAY RANGES FROM 1 TO 25 FEET. PROJECT DEPTH: 25, 15 AND 10 FEET IN MAIN CHANNEL; 25 AND 10 FEET IN SOUTH CHANNEL. ALL AT MEAN LOW WATER. PROJECT LENGTH: 13.8 MILES.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971-----	9,619,312	1976-----	9,897,310
1972-----	9,794,957	1977-----	4,386,353
1973-----	10,264,131	1978-----	5,680,368
1974-----	8,977,341	1979-----	5,858,360
1975-----	8,114,969	1980-----	6,399,400

## FREIGHT TRAFFIC, 1980

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN	DOMESTIC				LOCAL
		IMPORTS	COASTWISE		INTERNAL		
			RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL-----	6,399,400	80,984	249,359	184,838	130,854	3,171,784	2,608,188
1442 SAND, GRAVEL, CRUSHED ROCK-----	134,237		3,381		130,854		
1483 SULPHUR, LIQUID-----	87,854						87,854
2010 SODIUM HYDROXIDE-----	2,419						2,419
2018 SULPHURIC ACID-----	20,120			20,120			
2013 KEROSENE-----	154,240	18,838	34,181	637		16,051	84,533
2014 DISTILLATE FUEL OIL-----	529,191	12,778	67,799	95,366		14,495	374,761
2015 RESIDUAL FUEL OIL-----	2,385,951	29,376	137,997	108,107		79,961	2,031,110
4011 IRON AND STEEL SCRAP-----	27,711		2,200				25,511
4029 WASTE AND SCRAP, NEC-----	3,061,677					3,061,677	
TOTAL TON-MILES, 23,423,406.							

## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

UPPER BAY, NEW YORK HARBOR, N. Y. AND N. J.  
(INCLUDED IN PORT OF NEW YORK)

SECTION INCLUDED: FROM THE NARROWS TO JUNCTION OF HUDSON AND EAST RIVERS, CONTROLLING DEPTH: ANCHORAGE CHANNEL 45 FEET; CHANNEL ALONG N. J. PIERHEAD LINE 19.5 FEET; RED HOOK FLATS ANCHORAGE, 30 FEET AND 45 FEET; LIBERTY ISLAND ANCHORAGE 20 FEET; PROJECT DEPTH AND PROJECT LENGTH: ANCHORAGE CHANNEL 45 FEET, 9.7 MILES; CHANNEL ALONG NEW JERSEY PIERHEAD LINE, 20 FEET, 3 MILES; RED HOOK FLATS ANCHORAGE, 30 AND 45 FEET; LIBERTY (BEDLOE) ISLAND ANCHORAGE 20 FEET, ALL AT MEAN LOW WATER.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	THROUGH TRAFFIC (TONS)	ADDITIONAL TRAFFIC				AUTOMOBILES ACCOMPANYING PASSENGERS
				RAILROAD FREIGHT CARS		SHIPMENTS		
				RECEIPTS	LOADED	EMPTY	LOADED	
1971	37,188,249	24,124,924	129,170,981	3,843	2,371	2,140	18,589	623,632
1972	34,811,150	23,158,953	139,417,913	2,900	1,263	482	4,129	572,420
1973	42,692,052	29,982,956	150,560,993	3,200	1,704	645	4,166	653,642
1974	37,748,920	21,810,844	138,483,408	4,059	1,750	620	4,788	643,792
1975	37,224,203	20,922,046	127,250,901	2,523	1,327	521	2,845	451,813
1976	31,523,250	20,474,746	127,761,984	3,620	1,012	211	4,351	598,027
1977	41,955,727	20,473,691	125,975,159	3,704	881	822	4,124	585,904
1978	41,281,549	20,858,838	126,402,369	3,821	835	534	5,134	626,489
1979	32,474,381	21,004,993	113,647,343	3,536	610	152	4,023	590,152
1980	34,833,524	22,717,873	126,493,524	2,664	6,605	6,261	3,082	679,807

\* DOES NOT INCLUDE THAT PORTION FRONTING BAY RIDGE AND RED HOOK CHANNELS, WHICH IS REPORTED UPON SEPARATELY.

## FREIGHT TRAFFIC, 1980

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		LOCAL		
		IMPORTS	EXPORTS	COASTWISE			INTERNAL	
				RECEIPTS	SHIPMENTS		RECEIPTS	SHIPMENTS
TOTAL-----	34,833,524	13,570,727	558,897	5,020,702	1,397,633	19,764	2,141,186	18,164,655
0103 CORN-----	52		52					
0121 TOBACCO, LEAF-----	21		21					
0129 FIELD CROPS, NEC-----	31	26	5					
0131 FRESH FRUITS AND TREE NUTS-----	392		392					
0133 COFFEE-----	7,363	4,164						3,199
0134 COCOA BEANS-----	79	79						
0141 FRESH AND FROZEN VEGETABLES-----	5		5					
0161 ANIMALS AND PRODUCTS, NEC-----	83	72	11					
0861 FOREST PRODUCTS, NEC-----	42		42					
0911 FRESH FISH, EXCEPT SHELLFISH-----	77	66	11					
0912 SHELLFISH, EXCEPT PREPARED-----	1		1					
1091 NONFERROUS ORES, CONCENT, NEC-----	15	15						
1311 CRUDE PETROLEUM-----	8,337,663	5,687,116		296,969	44,967		256,481	2,052,160
1451 CLAY-----	45		45					
1492 SULPHUR, DRY-----	7		7					
1493 SULPHUR, LIQUID-----	2,834							2,834
1499 NONMETALLIC MINERALS, NEC-----	26	7	19					
1911 ORDNANCE AND ACCESSORIES-----	1		1					
2011 MEAT, FRESH, CHILLED, FROZEN-----	469		469					
2012 MEAT AND PRODUCTS, NEC-----	2		2					
2014 TALLOW, ANIMAL FATS AND OILS-----	38,368		13,291		421			24,656
2015 ANIMAL BY-PRODUCTS, NEC-----	9	9						
2021 DAIRY PRODUCTS, NEC-----	45	35	10					
2022 DRIED MILK AND CREAM-----	2		2					
2031 FISH AND SHELLFISH, PREPARED-----	22	21	1					
2034 VEGETABLES AND PREP, NEC-----	64		64					
2039 PREP FRUIT AND VEG JUICE, NEC-----	497	266	161					
2041 WHEAT FLOUR AND SEMOLINA-----	50		50					
2042 PREPARED ANIMAL FEEDS-----	21		21					
2049 GRAIN MILL PRODUCTS, NEC-----	13		13					
2061 SUGAR-----	102,088	102,084	2					
2062 MOLASSES-----	160		160					
2081 ALCOHOLIC BEVERAGES-----	33	21	12					
2091 VEGETABLE OILS, HARG, SHORT-----	248,080	96,833	6,948		7,952			136,727
2092 ANIMAL OILS AND FATS, NEC-----	10,606		4,910					5,696
2099 MISCELLANEOUS FOOD PRODUCTS-----	508	192	316					
2111 TOBACCO MANUFACTURES-----	9	4	5					
2211 BASIC TEXTILE PRODUCTS-----	622	54	568					
2311 APPAREL-----	278	37	241					
2431 VENEER, PLYWOOD, WORKED WOOD-----	48		48					
2491 WOOD MANUFACTURES, NEC-----	6		6					
2511 FURNITURE AND FIXTURES-----	182	17	165					
2631 PAPER AND PAPERBOARD-----	301		301					
2691 PULP AND PAPER PRODUCTS, NEC-----	119		119					
2711 PRINTED MATTER-----	237		237					
2810 SODIUM HYDROXIDE-----	10,224			9,980				5,146
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	18		18					
2812 DYES, PIGMENT, TANNING MATS-----	32		32					
2819 BASIC CHEMICALS AND PROD, NEC-----	13,018	9,038	3,980					
2821 PLASTIC MATERIALS-----	1,542		1,542					
2822 SYNTHETIC RUBBER-----	23		23					
2823 SYNTHETIC (MAN-MADE) FIBERS-----	12	8	4					
2831 DRUGS-----	17		16					
2841 SOAP-----	1,739	883	856					
2851 PAINTS-----	130	102	28					
2861 GUM AND WOOD CHEMICALS-----	4		4					
2873 PHOSPHATIC CHEM FERTILIZERS-----	3		3					
2874 INSECTICIDES, DISINFECTANTS-----	7		7					
2891 MISCELLANEOUS CHEMICAL PROD-----	5,359	40	5,319					
2911 GASOLINE-----	1,111,995	329,949	617	324,694	193,970		41,140	281,994
2912 JET FUEL-----	146,665			39,318	42,869			48,488
2913 KEROSENE-----	81,934			46,831				39,103
2914 DISTILLATE FUEL OIL-----	1,982,319	108,322		627,977	82,295		20,947	742,778

NEW YORK, N. Y., DISTRICT

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UPPER BAY, NEW YORK HARBOR, N. Y. AND N. J.  
(INCLUDED IN PORT OF NEW YORK)---CONTINUED

FREIGHT TRAFFIC, 1980--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	COASTWISE	INTERNAL	
				RECEIPTS	SHIPMENTS	
2015 RESIDUAL FUEL OIL-----	20,199,439	7,183,076	---	3,600,764	999,633	17,380
2016 LUBRICATING OILS AND GREASES-----	87,165	44,797	69	33,715	---	820,963
2017 NAPHTHA, PETROLEUM SOLVENTS-----	32,370	---	---	4,354	3,048	1,582
2018 ASPHALT, TAR, AND PITCHES-----	52	---	62	---	---	---
2051 ASPHALT BUILDING MATERIALS-----	1	---	1	---	---	---
2991 PETROLEUM AND COAL PROD, NEC-----	1,919,918	102	3	---	20,382	74
3011 RUBBER AND MISC PLASTIC PROD-----	168	14	194	---	---	---
3111 LEATHER AND LEATHER PRODUCTS-----	39	15	24	---	---	---
3211 GLASS AND GLASS PRODUCTS-----	50	---	50	---	---	---
3241 BUILDING CEMENT-----	22,738	22,730	8	---	---	---
3291 STRUCTURAL CLAY PRODUCTS-----	509	---	509	---	---	---
3271 LIME-----	2	---	2	---	---	---
3201 CUT STONE AND STONE PRODUCTS-----	6	---	6	---	---	---
3294 MISC NONMETALLIC MINERAL PROD-----	91	30	21	---	---	---
3314 IRON AND STEEL PRIMARY FORMS-----	8	---	8	---	---	---
3319 IRON, STEEL SHAPES, EXC SHEET-----	531	---	531	---	---	---
3314 IRON AND STEEL PLATES, SHEETS-----	317	---	317	---	---	---
3317 IRON AND STEEL PIPE AND TUBE-----	112	---	112	---	---	---
3310 FERROALLOYS-----	124	---	124	---	---	---
3319 IRON AND STEEL PRODUCTS, NEC-----	114	20	96	---	---	---
3321 NONFERROUS METALS, NEC-----	11	---	11	---	---	---
3322 COPPER ALLOYS, UNWORKED-----	43	42	1	---	---	---
3324 ALUMINUM AND ALLOYS, UNWORKED-----	65	---	65	---	---	---
3411 FABRICATED METAL PRODUCTS-----	309	46	261	---	---	2
3911 MACHINERY, EXCEPT ELECTRICAL-----	1,644	134	1,500	---	---	10
3611 ELECTRICAL MACH AND EQUIP-----	480	17	463	---	---	---
3711 MOTOR VEHICLES, PARTS, EQUIP-----	1,000	---	1,000	---	---	---
3721 AIRCRAFT AND PARTS-----	3	---	3	---	---	---
3731 SHIPS AND BOATS-----	11	---	11	---	---	---
3791 MISC TRANSPORTATION EQUIPMENT-----	190	---	190	---	---	---
3811 INSTR, TIME, PHOTO, OPT GOODS-----	132	62	70	---	---	---
3911 MISC MANUFACTURED PRODUCTS-----	132	66	66	---	---	---
4011 IRON AND STEEL SCRAP-----	818,061	---	509,279	25,044	6,900	2,384
4012 NONFERROUS METAL SCRAP-----	70	70	---	---	---	---
4022 TEXTILE WASTE, SCRAP, SWEEP-----	2,573	---	2,573	---	---	---
4111 WATER-----	44,440	---	---	---	---	44,440
4112 COMMODITIES, NEC-----	2,444	15	93	---	---	2,376
9999 DEPARTMENT OF DEFENSE AND SCI-----	155	---	155	---	---	---
TOTAL TON-MILES, 466,653,494.						

NEWARK BAY, N. J. (INCLUDED IN PORT OF NEW YORK)

SECTION INCLUDED: ENTIRE BAY, CONTROLLING DEPTH: 35 FEET IN NEWARK BAY, INCLUDING BRANCH CHANNELS AT PORT NEWARK AND PORT ELIZABETH TO A POINT 1,200 FEET SOUTH OF C. R. R. OF N. J. BRIDGE; BALANCE OF WATERWAY RANGES FROM 32 TO 35 FEET. PROJECT DEPTH: 37 FEET IN ROCK, 35 FEET AND 32 FEET IN OTHER MATERIAL. ALL AT MEAN LOW WATER. PROJECT LENGTH: ABOUT 4.7 MILES.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	THROUGH TRAFFIC (TONS)	ADDITIONAL TRAFFIC			
				RAILROAD FREIGHT CARS			
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS
				EMPTY	LOADED	EMPTY	LOADED
1971-----	14,875,545	65	12,793,452	---	63	63	---
1972-----	21,082,649	1,271	11,969,179	---	96	---	96
1973-----	21,949,847	979	12,885,198	---	249	256	446
1974-----	14,145,694	1,636	11,594,571	---	131	148	17
1975-----	15,304,549	1,780	9,786,430	21	142	163	---
1976-----	17,682,999	1,503	8,399,971	4	35	39	---
1977-----	16,364,780	39	8,908,885	---	---	---	---
1978-----	17,642,369	1,291	9,411,588	---	---	---	---
1979-----	15,646,237	---	9,098,264	---	---	---	---
1980-----	15,296,449	---	10,422,497	---	---	---	---

FREIGHT TRAFFIC, 1980

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	COASTWISE	INTERNAL	
				RECEIPTS	SHIPMENTS	
TOTAL-----	19,296,449	4,617,160	4,298,227	1,109,896	2,129,728	3,149
0101 COTTON, RAW-----	1,200	120	1,074	---	---	---
0102 BARLEY AND RYE-----	11	9	---	---	6	---
0103 CORN-----	7,330	3	7,335	---	---	---
0104 OATS-----	211	---	211	---	---	---
0105 RICE-----	990	110	170	300	2	---
0106 SORGHUM GRAINS-----	22	---	---	---	22	---
0107 WHEAT-----	1	---	---	---	1	---
0111 SOYBEANS-----	186	---	186	---	---	---
0119 OILSEEDS, NEC-----	11,386	5,993	5,019	---	374	---
0121 TOBACCO, LEAF-----	105,687	87,099	12,930	2,930	2,720	---
0122 HAY AND FODDER-----	449	---	---	1	444	---

## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

NEWARK BAY, N. J. (INCLUDED IN PORT OF NEW YORK)--CONTINUED

FREIGHT TRAFFIC, 1980--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
0129 FIELD CROPS, NEC	10,205	4,569	267	5,255	94			
0131 FRESH FRUITS AND TREE NUTS	309,230	293,475	49,230	4,886	737			
0133 COFFEE	116,829	74,833	11,143	22,114	936			7,783
0134 COCOA BEANS	34,303	19,410	487	12,797	1,609			
0141 FRESH AND FROZEN VEGETABLES	100,749	14,076	26,543	1,506	98,644			
0151 LIVE ANIMALS	103	2	33		48			
0161 ANIMALS AND PRODUCTS, NEC	37,474	16,197	17,074		4,243			
0191 MISCELLANEOUS FARM PRODUCTS	12,806	11,732	439	537	98			
0841 CRUDE RUBBER AND ALLIED GUMS	15,229	11,270	1,421		2,538			
0861 FOREST PRODUCTS, NEC	15,937	11,462	3,048		1,427			
0911 FRESH FISH, EXCEPT SHELLFISH	39,584	29,487	9,552	151	394			
0912 SHELLFISH, EXCEPT PREPARED	24,268	17,287	5,123	1,714	144			
1011 IRON ORE AND CONCENTRATES	214	99	54		101			
1051 ALUMINUM ORES, CONCENTRATES	13,568	12,612	956					
1061 MANGANESE ORES, CONCENTRATES	928	24	504					
1091 NONFERROUS ORES, CONCENT, NEC	12,088	10,272	1,796					
1121 COAL AND LIGNITE	228,851		228,771		73			
1311 CRUDE PETROLEUM	88,201	88,201						
1411 LIMESTONE	22,901	291	22,610					
1412 BUILDING STONE, UNWORKED	3,897		3,897					
1442 SAND, GRAVEL, CRUSHED ROCK	15,531	923	10,408		1,055	3,149		
1451 CLAY	74,341	63,503	9,944		894			
1471 PHOSPHATE ROCK	166		166					
1491 SALT	146,670	145,917	558		203			
1492 SULPHUR, DRY	1,727		1,694	11	22			
1494 GYPSUM, CRUDE AND PLASTERS	1,362			852	510			
1499 NONMETALLIC MINERALS, NEC	65,706	45,255	15,727	33	1,241			3,450
1911 ORDINANCE AND ACCESSORIES	5,645	2,977	2,549	445	76			
2011 MEAT, FRESH, CHILLED, FROZEN	177,943	54,055	113,446	873	9,609			
2012 MEAT AND PRODUCTS, NEC	98,698	64,765	8,676		25,857			
2014 TALLOW, ANIMAL FATS AND OILS	55,185		25,725	707				26,753
2019 ANIMAL BY-PRODUCTS, NEC	20,351	3,797	975		4,656			
2021 DAIRY PRODUCTS, NEC	70,088	61,118	1,017	31	7,922			
2022 DRIED MILK AND CREAM	32,139	3,212	3,245		25,359			
2031 FISH AND SHELLFISH, PREPARED	95,967	26,354	2,632	54,821	12,160			
2034 VEGETABLES AND PREP, NEC	107,451	84,340	15,825	511	6,475			
2039 PREP FRUIT AND VEG JUICE, NEC	140,421	113,234	10,827	9,838	20,502			
2041 WHEAT FLOUR AND SEMOLINA	5,692		2,934	25	2,733			
2042 PREPARED ANIMAL FEEDS	87,387	10,017	61,701	8,194	4,840			3,149
2049 GRAIN MILL PRODUCTS, NEC	40,119	34,776	12,418	208	2,717			
2061 SUGAR	92,563	39,947	1,742	250	18,624			
2062 MOLASSES	1,686	78	1,278	22	308			
2081 ALCOHOLIC BEVERAGES	680,775	350,917	17,688	29,444	202,516			104,687
2091 VEGETABLE OILS, MARG, SHORT	184,994	57,372	18,118	40	4,057			4,477
2092 ANIMAL OILS AND FATS, NEC	8,141	1,811	1,835		18			
2094 GROCERIES	2,371				2,371			
2099 MISCELLANEOUS FOOD PRODUCTS	302,216	93,444	95,028	26,403	87,139			
2111 TOBACCO MANUFACTURES	16,242	2,432	5,906	6,968	1,246			
2211 BASIC TEXTILE PRODUCTS	138,089	65,017	70,757	132	4,183			
2212 TEXTILE FIBERS, NEC	9,209	3,487	239	463	1,018			
2311 APPAREL	148,767	93,883	9,578	22,888	22,412			
2411 LOGS	17,048	23	16,970	25	30			
2413 FUEL WOOD, CHARCOAL, WASTES	12,398	10,230	1,928		240			
2414 TIMBER, POSTS, POLES, PILING	479		2,8		271			
2416 WOOD CHIPS, STAVES, WOODINGS	565	167	388					
2421 LUMBER	142,720	112,829	29,769		102			
2431 VENEER, PLYWOOD, WORKED WOOD	8,942	2,416	5,895	4	627			
2491 WOOD MANUFACTURES, NEC	29,695	18,644	7,554	709	2,588			
2511 FURNITURE AND FIXTURES	41,888	35,073	11,349	37	15,429			
2611 PULP	11,381	249	11,112					
2621 STANDARD NEWSPRINT PAPER	7,635				7,635			
2631 PAPER AND PAPERBOARD	113,931	31,416	74,925	304	7,286			
2691 PULP AND PAPER PRODUCTS, NEC	98,942	12,409	51,156	2,072	33,305			
2711 PRINTED MATTER	69,871	30,119	33,228	3,464	3,880			
2811 CRUDE TAR, OIL, GAS PRODUCTS	1,174	50	1,041		123			
2812 DYES, PIGMENT, TANNING WATS	12,678		9,017	3,470	191			
2813 ALCOHOLS	6,872		862	558	5,492			
2816 RADIOACTIVE MATERIALS, WASTES	933	389	377		217			
2817 BENZENE AND TOLUENE	3,030				3,030			
2818 SULPHURIC ACID	25,680		9,060		17,400			2,100
2819 BASIC CHEMICALS AND PROD, NEC	381,776	182,483	141,501	33,118	24,674			
2821 PLASTIC MATERIALS	303,933	79,064	208,388	1,428	19,859			
2822 SYNTHETIC RUBBER	14,010		13,494		556			
2823 SYNTHETIC (MAN-MADE) FIBERS	11,467	3,038	7,239	1	389			
2931 DRUGS	45,936	21,914	8,226	8,952	6,642			
2941 SOAP	109,994	11,503	45,234	19,919	33,338			
2951 PAINTS	101,055	77,340	18,082	517	5,114			
2961 GUM AND WOOD CHEMICALS	1,446	224	936		286			
2971 NITROGENOUS CHEM FERTILIZERS	3,833	2,841	917	60	15			
2972 POTASSIC CHEM FERTILIZERS	89		52		37			
2973 PHOSPHATIC CHEM FERTILIZERS	811	96	715					
2976 INSECTICIDES, DISINFECTANTS	19,878	3,662	7,713	27	4,476			
2979 FERTILIZER AND MATERIALS, NEC	1,932	1,488	1,270		234			
2981 MISCELLANEOUS CHEMICAL PROD	67,737	28,639	65,084	680	3,356			
2991 GASOLINE	796,803	25,755	3,597	80,411	274,838			290,340
2992 JET FUEL	364,415			89,288	89,110			175,249
2993 KEROSENE	9,542		14		9,120			3,999
2994 DISTILLATE FUEL OIL	1,008,637	5,117	70	41,249	182,031			689,620
2995 RESIDUAL FUEL OIL	1,249,297	27			91,150			1,249,278
2996 LUBRICATING OILS AND GREASES	166,511	21,921	40,313	90,986	9,255			4,436
2997 NAPHTHA, PETROLEUM SOLVENTS	693				693			
2998 ASPHALT, TAR, AND PITCHES	5,435	644	1,148	3,093	928			
2999 COKE, PETROLEUM COKE	387	3	384					
2999 LIQUEFIED GASES	4,996	94	2,963	22	1,917			

# NEW YORK, N. Y., DISTRICT

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NEWARK BAY, N. J. (INCLUDED IN PORT OF NEW YORK)--CONTINUED

FREIGHT TRAFFIC, 1988--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	INTERNAL				
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
2091 ASPHALT BUILDING MATERIALS-----	10,484	-----	6,796	1	3,727	-----	-----	-----
2991 PETROLEUM AND COAL PROD. NEC-----	11,074	6,012	3,484	191	1,337	-----	-----	652
3011 RUBBER AND MISC PLASTIC PROD-----	135,396	74,631	37,831	2,149	10,788	-----	-----	-----
3111 LEATHER AND LEATHER PRODUCTS-----	83,840	58,083	19,080	9,434	1,341	-----	-----	-----
3211 GLASS AND GLASS PRODUCTS-----	124,956	59,094	42,791	597	22,564	-----	-----	-----
3241 BUILDING CEMENT-----	3,869	4	2,133	23	1,709	-----	-----	-----
3251 STRUCTURAL CLAY PRODUCTS-----	56,617	36,213	15,950	-----	4,454	-----	-----	-----
3271 LIME-----	3,674	5	896	1	2,812	-----	-----	-----
3281 CUT STONE AND STONE PRODUCTS-----	13,406	12,199	1,001	-----	206	-----	-----	-----
3291 MISC NONMETALLIC MINERAL PROD-----	74,890	51,892	18,835	337	3,786	-----	-----	-----
3312 SLAG-----	1,440	-----	-----	112	1,328	-----	-----	-----
3314 IRON AND STEEL PRIMARY FORMS-----	604	80	497	-----	21	-----	-----	-----
3315 IRON, STEEL SHAPES, EXC SHEET-----	135,045	79,794	49,211	61	5,979	-----	-----	-----
3316 IRON AND STEEL PLATES, SHEETS-----	72,083	5	72,078	-----	-----	-----	-----	-----
3317 IRON AND STEEL PIPE AND TUBE-----	56,209	29,668	13,914	3,275	9,752	-----	-----	-----
3318 FERRONALLOYS-----	12,191	1,440	10,751	-----	-----	-----	-----	-----
3319 IRON AND STEEL PRODUCTS, NEC-----	40,070	42,737	8,499	130	8,504	-----	-----	-----
3321 NONFERROUS METALS, NEC-----	45,032	38,499	9,373	363	16,797	-----	-----	-----
3322 COPPER ALLOYS, UNWORKED-----	149,145	81,388	22,134	20	1,035	-----	-----	35,568
3323 LEAD AND ZINC, UNWORKED-----	7,258	2,013	3,535	54	1,456	-----	-----	-----
3324 ALUMINUM AND ALLOYS, UNWORKED-----	34,387	9,799	21,682	27	2,969	-----	-----	-----
3411 FABRICATED METAL PRODUCTS-----	303,119	205,502	70,849	9,443	17,304	-----	-----	1
3511 MACHINERY, EXCEPT ELECTRICAL-----	431,969	216,887	195,380	4,051	15,651	-----	-----	-----
3611 ELECTRICAL MACH AND EQUIP-----	401,167	166,827	119,036	15,766	99,938	-----	-----	-----
3711 MOTOR VEHICLES, PARTS, EQUIP-----	629,469	448,119	129,447	6,391	45,512	-----	-----	-----
3721 AIRCRAFT AND PARTS-----	3,414	199	3,215	-----	-----	-----	-----	-----
3731 SHIPS AND BOATS-----	7,191	5,245	1,496	-----	450	-----	-----	-----
3791 MISC TRANSPORTATION EQUIPMENT-----	9,697	941	6,392	2,140	224	-----	-----	-----
3811 INSTR, TIME, PHOTO, OPT GOODS-----	93,132	34,742	53,762	3,970	658	-----	-----	-----
3911 MISC MANUFACTURED PRODUCTS-----	147,076	108,323	24,498	4,206	10,049	-----	-----	-----
4011 IRON AND STEEL SCRAP-----	1,510,738	389	1,226,592	20,667	1,271	-----	-----	261,897
4012 NONFERROUS METAL SCRAP-----	82,190	3,357	69,766	4,990	4,847	-----	-----	-----
4022 TEXTILE WASTE, SCRAP, SHEEP-----	57,479	662	36,020	20,428	369	-----	-----	-----
4024 PAPER WASTE AND SCRAP-----	204,178	675	203,142	333	28	-----	-----	-----
4029 WASTE AND SCRAP, NEC-----	40,980	-----	-----	980	-----	-----	40,000	-----
4111 WATER-----	150	-----	-----	-----	-----	-----	-----	150
4112 COMMODITIES, NEC-----	984,333	40,972	12,788	400,371	538,321	-----	-----	81
4119 EMPTY CONTAINERS-----	144	-----	-----	144	-----	-----	-----	-----
9999 DEPARTMENT OF DEFENSE AND SCI-----	7,787	-----	7,787	-----	-----	-----	-----	-----
TOTAL TON-MILES, 73,206,142.								

HACKENSACK RIVER, N. J. (INCLUDED IN PORT OF NEW YORK)

SECTION INCLUDED: FROM MOUTH UPSTREAM TO NEW YORK, SUSQUEHANNA & WESTERN R. R. BRIDGE AT HACKENSACK. CONTROLLING DEPTH: 29 FEET FROM THE JUNCTION OF HACKENSACK AND PASSAIC RIVERS TO 300 FEET SOUTH OF CENTRAL RAILROAD OF NEW JERSEY BRIDGE. BALANCE OF WATERWAY RANGES FROM 10 TO 29 FEET. PROJECT DEPTH: CHANNEL, 34 FEET IN ROCK AND 32 FEET IN OTHER MATERIAL WITH TURNING BASIN 25 FEET DEEP AT UPPER END OF A POINT 2,000 FEET ABOVE THE DELAWARE, HACKENSACK & WESTERN R. R. BRIDGE AT HARTON-JERSEY CITY, THENCE 15 FEET TO HACKENSACK, ALL AT MEAN LOW WATER. PROJECT LENGTH: 16.5 MILES.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971-----	5,417,010	1976-----	2,311,858
1972-----	4,856,980	1977-----	2,706,363
1973-----	5,582,823	1978-----	2,769,787
1974-----	4,858,606	1979-----	2,283,897
1975-----	3,199,492	1980-----	2,663,907

FREIGHT TRAFFIC, 1980

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE		INTERNAL		LOCAL
		RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL-----	2,663,907	368,746	247,956	250,908	1,796,297	
1121 COAL AND LIGNITE-----	747,697	-----	-----	-----	747,697	
1442 SAND, GRAVEL, CRUSHED ROCK-----	565,563	317,607	247,956	-----	-----	
2819 BASIC CHEMICALS AND PROD, NEC-----	6,192	-----	-----	-----	6,192	
2911 GASOLINE-----	161,639	-----	-----	-----	161,639	
2913 KEROSENE-----	15,601	-----	-----	-----	15,601	
2914 DISTILLATE FUEL OIL-----	687,680	-----	-----	-----	687,680	
2915 RESIDUAL FUEL OIL-----	192,714	9,914	-----	-----	182,800	
2916 LUBRICATING OILS AND GREASES-----	80	-----	-----	-----	80	
2918 ASPHALT, TAR, AND PITCHES-----	39,758	39,758	-----	-----	-----	
4029 WASTE AND SCRAP, NEC-----	250,908	-----	-----	250,908	-----	
4111 WATER-----	675	-----	-----	-----	675	
TOTAL TON-MILES, 29,720,897.						



## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

PASSAIC RIVER, N. J. (INCLUDED IN PORT OF NEW YORK)

SECTION INCLUDED: FROM MOUTH UPSTREAM TO GREGORY AVENUE, PASSAIC. CONTROLLING DEPTH: 30 FEET FROM THE JUNCTION OF HACKENSACK AND PASSAIC RIVERS TO C. R. R. OF N. J. BRIDGE; BALANCE OF WATERWAY RANGES BETWEEN 11 AND 17 FEET. PROJECT DEPTH: 30, 20, 16 AND 10 FEET. ALL AT MEAN LOW WATER. PROJECT LENGTH: ABOUT 15.4 MILES.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1971	8,026,003	2,074	1976	6,883,016	1,503
1972	7,782,680	1,266	1977	6,846,350	1,443
1973	8,055,041	979	1978	7,610,402	1,291
1974	7,550,841	1,634	1979	7,295,464	
1975	7,282,813	1,780	1980	8,310,199	

## FREIGHT TRAFFIC, 1980

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL	8,310,199	338,790	6,710	1,389,840	2,811,278	240,796	1,055,920	2,466,665
1442 SAND, GRAVEL, CRUSHED ROCK	410,686			199,848		210,830		
1493 SULPHUR, LIQUID	14,170							14,170
2014 TALLOW, ANIMAL FATS AND OILS	56,368		6,691					49,677
2034 VEGETABLES AND PREP, NEC	7		7					
2049 GRAIN MILL PRODUCTS, NEC	7		7					
2081 ALCOHOLIC BEVERAGES	5		5					
2091 VEGETABLE OILS, MARG, SHORT	3,071							3,071
2813 ALCOHOLS	75,296			75,296				
2818 SULPHURIC ACID	11,130			1,000	10,130			
2819 BASIC CHEMICALS AND PROD, NEC	114,749	93		110,391				4,289
2911 GASOLINE	4,384,792			873,098	1,903,164		585,759	1,022,771
2913 KEROSENE	32,832			1,843	1,240		9,455	20,294
2914 DISTILLATE FUEL OIL	2,212,616			79,956	884,858		199,766	1,088,094
2919 RESIDUAL FUEL OIL	274,861			7,957	3,412			263,492
2916 LUBRICATING OILS AND GREASES	37,865			37,827				38
2918 ASPHALT, TAR, AND BITUMENS	338,697	338,697						
2991 PETROLEUM AND COAL PROD, NEC	3,519			2,624	895			
3241 BUILDING CEMENT	38,487				7,579	29,958		950
4029 WASTE AND SCRAP, NEC	301,000						381,000	
4112 COMMODITIES, NEC	21							21
TOTAL TON-MILES.	14,622,061.							

NEW YORK AND NEW JERSEY CHANNELS, N. Y. AND N. J.  
(INCLUDED IN PORT OF NEW YORK)

SECTION INCLUDED: FROM MAIN SHIP CHANNEL NORTHWEST OF SANDY HOOK THROUGH LOWER NEW YORK BAY, RARITAN BAY, PERTH AMBOY ANCHORAGE, ARTHUR KILL AND KILL VAN KULL TO UPPER NEW YORK BAY. CONTROLLING DEPTH: 35 FEET FROM A JUNCTION WITH MAIN SHIP CHANNEL TO VICINITY OF TOTTENVILLE 37 FEET IN PERTH AMBOY ANCHORAGE; BALANCE OF WATERWAY RANGES FROM 20 TO 35 FEET. PROJECT DEPTH: 37 FEET IN ROCK AND 35 FEET IN SOFT MATERIAL THROUGHOUT, EXCEPT IN CHANNEL SOUTH OF SHOOTERS ISLAND WHERE THE DEPTH WILL BE 30 FEET. ALL AT MEAN LOW WATER. PROJECT LENGTH: 35.8 MILES.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	ADDITIONAL TRAFFIC			
			THROUGH TRAFFIC (TONS)	RAILROAD FREIGHT CARS		SHIPMENTS
				RECEIPTS	SHIPMENTS	
1971	93,265,322	2,180	31,702,149	10	9	1,229
1972	100,968,822	741	34,759,086	1,544	1,834	2,055
1973	108,769,133	47,981	36,335,814	2,345	3,987	5,314
1974	107,098,944	57,093	30,772,284	1,694	3,426	4,732
1975	98,808,330	38,710	27,413,410	2,441	2,342	4,403
1976	103,067,892	24,456	27,063,085	1,946	1,865	3,509
1977	105,699,614	24,151	24,663,206	715	663	1,291
1978	106,569,824	30,344	27,809,200	383	105	
1979	93,901,689	31,020	25,371,720	645	455	9
1980	95,976,421	66,240	24,648,113			457

## FREIGHT TRAFFIC, 1980

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL-----	95,976,421	16,797,546	440,987	15,977,160	18,070,177	923,302	8,956,881	37,210,308
0121 COTTON, RAW-----	182	55	127	-----	-----	-----	-----	-----
0103 CORN-----	216	-----	216	-----	-----	-----	-----	-----
0104 OATS-----	17	-----	17	-----	-----	-----	-----	-----
0105 RICE-----	24	-----	24	-----	-----	-----	-----	-----
0119 OILSEEDS, NEC-----	1,219	98	239	-----	-----	-----	-----	-----
0121 TOBACCO, LEAF-----	39,098	39,031	67	-----	-----	-----	-----	-----
0129 FIELD CROPS, NEC-----	938	577	361	-----	-----	-----	-----	-----
0131 FRESH FRUITS AND TREE NUTS-----	1,106	779	331	-----	-----	-----	-----	-----

## NEW YORK, N. Y., DISTRICT

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NEW YORK AND NEW JERSEY CHANNELS, N. Y. AND N. J.  
(INCLUDED IN PORT OF NEW YORK)--CONTINUED

FREIGHT TRAFFIC, 1968--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
0133 COFFEE-----	7,739	7,476	263					
0134 COCOA BEANS-----	161	161						
0141 FRESH AND FROZEN VEGETABLES-----	3,098	2,362	696					
0161 ANIMALS AND PRODUCTS, NEC-----	4,614	4,296	318					
0191 MISCELLANEOUS FARM PRODUCTS-----	2,183	2,182	1					
0841 CRUDE RUBBER AND ALLIED GUMS-----	1,233	1,092	171					
0861 FOREST PRODUCTS, NEC-----	4,682	3,730	937		19			
0911 FRESH FISH, EXCEPT SHELLFISH-----	2,491	1,393	1,098					
0912 SHELLFISH, EXCEPT PREPARED-----	4,100	3,808	292					
0931 MARINE SHELLS, MANUFACTURED-----	4							
1011 IRON ORE AND CONCENTRATES-----	25		25		4			
1051 ALUMINUM ORES, CONCENTRATES-----	2,332	2,263	69					
1061 MANGANESE ORES, CONCENTRATES-----	134		134					
1091 NONFERROUS ORES, CONCENT, NEC-----	1,697	1,363	334					
1121 COAL AND LIGNITE-----	747,697							747,697
1311 CRUDE PETROLEUM-----	16,402,492	10,948,370		3,016,091	147,796		2,938	2,287,257
1411 LIMESTONE-----	863	920	335					
1412 BUILDING STONE, UNWORKED-----	197		196		1			
1442 SAND, GRAVEL, CRUSHED ROCK-----	947,034	115	81	256,839		689,999		
1491 CLAY-----	298,246	297,515	730					1
1491 SALT-----	221,598	221,419	89					
1492 SULPHUR, DRY-----		322	322					
1493 SULPHUR, LIQUID-----	239,977			92,186	29			147,368
1499 NONMETALLIC MINERALS, NEC-----	5,636	1,919	3,721					
1911 ORDNANCE AND ACCESSORIES-----	1,492	340	1,152					
2011 MEAT, FRESH, CHILLED, FROZEN-----	44,989	41,087	3,902					
2012 MEAT AND PRODUCTS, NEC-----	9,394	8,791	603					
2014 TALLOW, ANIMAL FATS AND OILS-----	20,143		12,063					8,080
2015 ANIMAL BY-PRODUCTS, NEC-----	644	977	47					
2021 DAIRY PRODUCTS, NEC-----	29,611	29,295	207		109			
2022 DRIED MILK AND CREAM-----	940	22	918					
2031 FISH AND SHELLFISH, PREPARED-----	1,466	1,340	66					
2034 VEGETABLES AND PREP, NEC-----	15,464	14,502	961		1			
2039 PREP FRUIT AND VEG JUICE, NEC-----	14,020	12,977	1,043					
2041 WHEAT FLOUR AND SEMOLINA-----	103		69		34			
2042 PREPARED ANIMAL FEEDS-----	4,491	243	4,298		10			
2049 GRAIN MILL PRODUCTS, NEC-----	6,265	4,630	1,594		41			
2081 SUGAR-----	2		2					
2082 MOLASSES-----	31,097	31,078	19					
2081 ALCOHOLIC BEVERAGES-----	120,086	106,899	8,482		4,749			
2091 VEGETABLE OILS, MARG, SHORT-----	65,294	21,166	618		1,068			42,410
2092 ANIMAL OILS AND FATS, NEC-----	10,497	420	4,045					5,992
2099 MISCELLANEOUS FOOD PRODUCTS-----	38,480	29,586	7,488		1,408			
2111 TOBACCO MANUFACTURES-----	624	301	311					
2211 BASIC TEXTILE PRODUCTS-----	24,386	13,042	10,999		128			
2212 TEXTILE FIBERS, NEC-----	2,483	2,460	23					
2311 APPAREL-----	17,321	16,382	939					
2411 LOGS-----	316	8	308					
2413 FUEL WOOD, CHARCOAL, WASTES-----	401		401					
2416 WOOD CHIPS, STAVES, HOLDINGS-----	31	31						
2421 LUMBER-----	2,543	98	2,415		78			
2431 VENEER, PLYWOOD, WORKED WOOD-----	1,269	140	1,129					
2491 WOOD MANUFACTURES, NEC-----	4,067	2,852	1,168		67			
2511 FURNITURE AND FIXTURES-----	13,068	11,244	1,266		558			
2611 PULP-----	2,415	72	2,343					
2621 STANDARD NEWSPRINT PAPER-----	38				38			
2631 PAPER AND PAPERBOARD-----	16,932	4,377	12,493		102			
2691 PULP AND PAPER PRODUCTS, NEC-----	8,495	975	6,980		540			
2711 PRINTED MATTER-----	11,802	6,903	4,899					
2810 SODIUM HYDROXIDE-----	599,713			334,111	93,923			122,679
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	17,338	3,327	39	12,411				
2812 DYES, PIGMENT, TANNING MATS-----	714		714		2		1,359	
2813 ALCOHOLS-----	861,517		17	846,319	18,175			5,006
2817 BENZENE AND TOLUENE-----	38,900			34,967	1,741		1,382	1,210
2818 SULPHURIC ACID-----	58,670			5,450	48,278			12,042
2819 BASIC CHEMICALS AND PROD, NEC-----	1,080,167	181,124	43,113	820,038	32,068			3,884
2821 PLASTIC MATERIALS-----	50,518	17,630	33,004		84			
2822 SYNTHETIC RUBBER-----	2,012		2,012					
2823 SYNTHETIC (MAN-MADE) FIBERS-----	3,812	2,239	1,573					
2831 DRUGS-----	6,469	3,901	1,833		739			
2841 SOAP-----	15,372	9,517	5,475		380			
2891 PAINTS-----	19,193	17,296	1,656		201			
2861 GUM AND WOOD CHEMICALS-----	994	942	92					
2871 NITROGENOUS CHEM FERTILIZERS-----	2,077	21	18		2,038			
2873 PHOSPHATIC CHEM FERTILIZERS-----	147		147					
2876 INSECTICIDES, DISINFECTANTS-----	3,314	2,143	714		497			
2879 FERTILIZER AND MATERIALS, NEC-----	388	179	166		13			
2891 MISCELLANEOUS CHEMICAL PROD-----	71,786	11,132	57,317		18			
2911 GASOLINE-----	16,778,991	885,179	6,701	2,689,008	6,899,398	1,980	2,362,017	4,038,676
2912 JET FUEL-----	590,137			218,652	175,230		113,092	43,163
2913 KEROSENE-----	1,068,965	33,287		460,086	91,923		144,002	336,000
2914 DISTILLATE FUEL OIL-----	20,531,847	631,171		3,611,318	5,934,930	14,104	2,161,554	8,178,770
2915 RESIDUAL FUEL OIL-----	24,683,233	2,979,814		2,443,798	3,115,428	9,404	906,152	15,628,437
2916 LUBRICATING OILS AND GREASES-----	925,532	199,514	8,796	652,806	11,636			52,778
2917 NAPHTHA, PETROLEUM SOLVENTS-----	1,291,794			666,298	439,680		24,010	108,372
2918 ASPHALT, TAR, AND BITUMENS-----	1,394,215	19,022	116	6,901	1,021,916		104,641	242,019
2920 COKE, PETROLEUM COKE-----	66	12	54					
2921 LIQUEFIED GASES-----	108,822	107,936	885		1			
2991 ASPHALT BUILDING MATERIALS-----	629		977		52			
2991 PETROLEUM AND COAL PROD, NEC-----	2,443,110	1,364	810	184,476	22,825		14,983	2,218,692
3011 RUBBER AND MISC PLASTIC PROD-----	23,037	18,648	5,972		436			
3111 LEATHER AND LEATHER PRODUCTS-----	12,048	11,199	849					
3211 GLASS AND GLASS PRODUCTS-----	12,593	8,133	4,363		77			

## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

NEW YORK AND NEW JERSEY CHANNELS, N. Y. AND N. J.  
(INCLUDED IN PORT OF NEW YORK)--CONTINUED

FREIGHT TRAFFIC, 1968--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
3241 BUILDING CEMENT-----	196,999	1,259	170	1,388	12,675	149,383	32,056	
3251 STRUCTURAL CLAY PRODUCTS-----	8,421	7,829	483	-----	109	-----	-----	
3271 LIME-----	170	9	-----	-----	141	-----	-----	
3291 CUT STONE AND STONE PRODUCTS-----	991	829	122	-----	-----	-----	-----	
3291 MISC NONMETALLIC MINERAL PROD-----	23,068	18,931	3,990	-----	187	-----	-----	
3314 IRON AND STEEL PRIMARY FORMS-----	119	14	105	-----	-----	-----	-----	
3315 IRON, STEEL SHAPES, EXC SHEET-----	5,592	3,894	1,673	-----	23	-----	-----	
3316 IRON AND STEEL PLATES, SHEETS-----	5,343	1	5,148	-----	194	-----	-----	
3317 IRON AND STEEL PIPE AND TUBE-----	2,874	1,621	869	-----	386	-----	-----	
3318 FERROALLOYS-----	1,221	769	492	-----	-----	-----	-----	
3319 IRON AND STEEL PRODUCTS, NEC-----	5,266	4,644	422	-----	-----	-----	-----	
3321 NONFERROUS METALS, NEC-----	4,372	2,762	1,610	-----	-----	-----	-----	
3322 COPPER ALLOYS, UNWORKED-----	176,960	3,904	2,612	5,078	14	-----	165,352	
3323 LEAD AND ZINC, UNWORKED-----	2,089	1,797	292	-----	-----	-----	-----	
3324 ALUMINUM AND ALLOYS, UNWORKED-----	4,821	2,750	2,069	-----	2	-----	-----	
3411 FABRICATED METAL PRODUCTS-----	41,307	30,243	10,554	-----	510	-----	-----	
3511 MACHINERY, EXCEPT ELECTRICAL-----	75,033	49,942	24,272	-----	819	-----	-----	
3611 ELECTRICAL MACH AND EQUIP-----	44,653	27,045	17,466	-----	149	-----	-----	
3711 MOTOR VEHICLES, PARTS, EQUIP-----	34,909	27,094	6,726	-----	1,087	-----	-----	
3721 AIRCRAFT AND PARTS-----	862	24	836	-----	-----	-----	-----	
3731 SHIPS AND BOATS-----	324	251	97	-----	16	-----	-----	
3791 MISC TRANSPORTATION EQUIPMENT-----	1,224	409	802	-----	13	-----	-----	
3811 INSTR, TIME, PHOTO, OPT GOODS-----	22,104	4,292	17,851	-----	1	-----	-----	
3911 MISC MANUFACTURED PRODUCTS-----	22,655	10,963	3,542	-----	150	-----	-----	
4011 IRON AND STEEL SCRAP-----	23,372	56	22,225	-----	-----	-----	1,091	
4012 NONFERROUS METAL SCRAP-----	11,417	299	11,118	-----	-----	-----	-----	
4022 TEXTILE WASTE, SCRAP, SWEEP-----	3,717	68	3,648	-----	1	-----	-----	
4024 PAPER WASTE AND SCRAP-----	13,798	218	13,580	-----	-----	-----	-----	
4029 WASTE AND SCRAP, NEC-----	3,495,733	-----	-----	-----	-----	727,305	2,768,428	
4111 WATER-----	38,547	-----	-----	-----	-----	30,215	8,332	
4112 COMMODITIES, NEC-----	20,463	5,966	4,911	-----	5,928	-----	5,658	
9999 DEPARTMENT OF DEFENSE AND SCI-----	2,409	-----	2,409	-----	-----	-----	-----	
TOTAL TON-MILES, 1,356,674,568.								

HARITAN RIVER TO ARTHUR KILL CUT OFF CHANNEL; N. J. (INCLUDED IN PORT OF NEW YORK)

SECTION INCLUDED: FROM HARITAN RIVER CHANNEL OFF SOUTH ARROY TO THE SOUTHERLY END OF ARTHUR KILL CHANNEL; CONTROLLING DEPTH: (1971) 18 FEET MEAN LOW WATER, PROJECT DEPTH: 20 FEET MEAN LOW WATER.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	THROUGH TRAFFIC (TONS)	YEAR	THROUGH TRAFFIC (TONS)
1971-----	5,588,141	1976-----	8,119,788
1972-----	5,602,384	1977-----	2,641,899
1973-----	5,849,563	1978-----	2,965,228
1974-----	9,430,796	1979-----	2,147,366
1975-----	4,458,451	1980-----	2,906,336

NEW YORK HARBOR, N. Y. LOWER ENTRANCE CHANNELS

SECTION INCLUDED: AMBROSE, MAINSHIP, BAYSIDE, AND SANDY HOOK CHANNELS; CONTROLLING DEPTH: (1973) AMBROSE CHANNEL, 45 FEET; (1972) MAINSHIP CHANNEL, 30 FEET; (1972) BAYSIDE AND SANDY HOOK CHANNELS, 35 FEET, PROJECT DEPTH: AMBROSE CHANNEL, 45 FEET, 13.6 MILES; BAYSIDE AND SANDY HOOK CHANNELS, 35 FEET, 6.3 MILES; MAINSHIP CHANNEL, 30 FEET, 9.2 MILES, ALL AT MEAN LOW WATER.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	FOREIGN (TONS)	COASTWISE (TONS)	TOTAL (TONS)	PASSENGERS	YEAR	FOREIGN (TONS)	COASTWISE (TONS)	TOTAL (TONS)	PASSENGERS
1971-----	57,289,640	55,358,972	112,648,612	947,811	1976-----	63,124,574	50,958,222	114,082,796	307,022
1972-----	65,723,361	57,129,652	122,849,015	1,074,641	1977-----	70,279,025	50,010,265	120,289,290	145,591
1973-----	61,121,895	52,214,479	113,316,374	1,153,757	1978-----	49,732,645	52,681,471	102,414,116	228,352
1974-----	69,943,145	50,962,627	120,905,962	405,057	1979-----	60,000,599	45,717,960	105,718,559	-----
1975-----	54,477,524	51,466,866	110,044,390	324,326	1980-----	53,713,516	45,266,054	98,979,570	-----

## NEW YORK, N. Y., DISTRICT

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CONSOLIDATED STATEMENT OF WATERBORNE COMMERCE OF THE  
PORT OF NEW YORK

(NET TRAFFIC, ELIMINATING ALL KNOWN DUPLICATIONS)

## COMPARATIVE STATEMENT

(SHORT TONS)

YEAR	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
1931	106,213,773	14,751,190	6,924,898	29,530,070	6,590,379	4,788,565	2,264,379	41,364,792
1932	87,733,499	12,744,413	4,883,801	24,520,105	5,974,741	2,987,346	1,907,926	34,710,927
1933	89,860,202	11,333,103	4,695,104	25,951,051	6,602,341	1,995,784	2,491,575	32,939,244
1934	94,413,534	11,915,432	5,979,143	28,568,893	6,945,728	1,972,022	2,421,902	36,609,854
1935	97,868,907	11,685,466	5,770,865	26,361,088	7,032,394	2,175,102	2,657,892	41,086,100
1936	110,697,688	13,479,929	5,926,044	28,594,604	7,608,499	3,604,280	2,584,233	48,940,119
1937	121,517,420	14,858,639	6,065,031	30,691,845	7,987,763	4,276,170	2,480,924	52,957,048
1938	111,310,229	13,963,421	6,663,303	30,911,353	7,074,593	4,389,879	2,057,952	48,249,726
1939	123,306,996	13,597,616	7,072,421	34,818,900	7,216,324	5,485,186	2,432,227	51,924,322
1940	129,712,186	12,635,225	10,413,062	33,820,944	6,354,356	4,632,566	2,555,282	57,100,771
1941	139,597,449	25,665,727	13,674,944	34,238,217	8,797,933	4,221,154	3,908,425	53,091,449
1942	101,880,786	9,351,036	11,148,843	11,027,193	8,196,540	5,090,938	1,119,284	55,346,932
1943	111,813,422	19,119,844	20,406,813	6,668,141	9,082,807	2,719,371	1,258,640	56,558,706
1944	110,282,139	15,203,964	21,164,810	6,086,512	9,557,576	2,017,575	974,020	55,277,674
1945	103,962,023	14,484,592	17,178,203	9,813,440	8,434,263	2,173,763	1,620,356	50,257,406
1946	108,953,342	15,675,973	9,159,021	26,351,758	8,247,301	2,264,044	1,859,635	46,995,660
1947	135,373,128	16,210,961	15,253,406	30,363,440	8,446,324	2,426,457	3,269,385	51,123,155
1948	137,664,954	19,678,027	10,259,918	42,344,833	8,952,384	3,117,731	3,422,943	49,869,120
1949	127,952,821	20,319,606	9,298,512	38,617,196	7,828,859	3,282,944	3,257,647	45,348,959
1950	144,943,558	25,481,429	7,001,064	45,391,778	8,729,265	3,004,371	4,027,759	50,505,892
1951	151,786,784	29,157,154	9,803,387	45,736,662	9,705,031	5,047,623	4,317,315	52,019,610
1952	140,419,198	27,798,540	8,099,418	41,773,378	9,701,892	4,679,261	4,305,775	44,060,934
1953	139,395,118	28,037,891	8,720,227	42,964,867	10,333,731	3,916,931	4,114,881	42,507,378
1954	137,353,454	28,370,780	7,077,334	41,405,031	9,762,114	5,078,037	3,407,043	42,313,135
1955	140,848,131	30,273,674	6,623,893	42,320,456	10,174,520	5,333,907	3,846,561	48,081,120
1956	154,708,301	31,683,792	9,165,097	44,876,420	11,356,189	5,492,890	4,212,434	47,921,479
1957	147,936,848	32,011,981	9,991,303	41,599,848	10,081,811	5,298,193	3,913,374	43,627,356
1958	145,931,300	34,437,067	7,037,497	40,764,437	12,045,885	4,697,682	3,466,533	42,888,799
1959	154,155,873	39,108,306	6,808,263	43,643,802	13,582,417	5,178,976	3,830,967	41,803,728
1960	193,198,620	37,455,278	7,984,411	42,812,316	13,775,607	4,496,232	3,761,119	43,314,157
1961	144,764,869	34,670,332	6,918,837	45,465,352	12,678,679	4,079,129	3,911,690	37,040,850
1962	154,676,480	38,544,054	7,060,952	43,280,212	13,161,910	6,203,018	4,327,672	41,898,662
1963	154,772,656	40,015,426	7,228,008	43,295,456	14,214,371	5,961,384	4,579,718	39,478,313
1964	149,150,811	41,351,034	7,704,677	39,089,972	14,353,158	5,425,553	4,254,587	36,971,628
1965	153,830,418	47,528,265	6,801,808	32,816,365	16,391,562	4,638,342	4,925,667	40,726,409
1966	157,071,892	49,984,206	7,194,832	31,373,309	16,966,784	4,982,442	5,319,216	41,257,103
1967	167,548,704	49,284,036	6,979,491	29,463,505	19,634,755	5,356,788	6,944,662	50,285,467
1968	174,799,789	53,588,562	6,766,764	28,316,178	21,076,003	5,658,349	14,011,956	49,388,981
1969	171,244,008	50,260,714	6,417,340	28,831,366	21,007,525	6,280,723	14,076,677	44,339,661
1970	174,008,100	58,792,115	7,139,979	39,915,528	18,698,679	6,717,941	13,882,249	41,462,017
1971	181,024,686	48,355,655	5,550,124	37,198,267	20,625,332	7,031,093	15,294,756	46,929,459
1972	176,842,857	56,149,911	5,608,515	36,920,736	20,849,290	6,597,729	16,067,310	54,629,364
1973	216,896,434	79,981,079	6,788,042	32,643,109	22,490,888	7,496,093	19,075,458	55,519,675
1974	195,095,611	58,665,637	7,062,062	33,810,481	22,669,120	6,269,673	17,324,166	48,494,252
1975	177,814,618	48,065,523	6,725,527	32,991,272	21,696,036	3,825,387	16,650,769	46,960,769
1976	179,586,763	53,291,796	6,245,913	32,871,748	24,092,137	5,397,388	15,610,002	42,677,779
1977	185,292,125	60,021,097	5,686,919	32,175,110	29,099,262	3,054,847	14,604,109	43,750,761
1978	186,733,185	55,923,386	6,093,748	34,840,099	24,536,075	3,331,728	18,873,863	45,536,553
1979	163,620,900	49,499,336	6,756,922	26,897,600	21,492,623	4,080,044	15,594,355	39,520,020
1980	166,991,220	42,715,042	7,476,566	26,593,681	24,887,954	4,535,018	16,217,172	44,660,787

## FREIGHT TRAFFIC, 1980

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL-----	166,991,220	42,715,042	7,476,566	26,593,681	24,882,954	4,535,018	16,217,172	44,660,787
0101 COTTON, RAW-----	1,402	188	1,214	-----	-----	-----	-----	-----
0102 BARLEY AND RYE-----	11	5	-----	-----	6	-----	-----	-----
0103 CORN-----	6,629	28	8,601	-----	-----	-----	-----	-----
0104 OATS-----	630	-----	630	-----	-----	-----	-----	-----
0105 RICE-----	1,179	667	228	308	-----	2	-----	-----
0106 SORGHUM GRAINS-----	22	-----	-----	-----	22	-----	-----	-----
0107 WHEAT-----	75	-----	94	-----	1	-----	-----	-----
0111 SOYBEANS-----	318	1	314	-----	-----	-----	-----	-----
0119 OILSEEDS, NEC-----	13,973	8,115	5,464	-----	-----	374	-----	-----
0121 TOBACCO, LEAF-----	181,608	180,437	15,310	2,930	2,720	-----	-----	-----
0122 HAY AND FODDER-----	445	-----	-----	-----	444	-----	-----	-----
0129 FIELD CROPS, NEC-----	17,992	11,690	993	5,255	94	-----	-----	-----
0131 FRESH FRUITS AND TREE NUTS-----	629,156	570,616	53,215	4,580	737	-----	-----	-----
0133 COFFEE-----	566,080	421,489	12,167	22,114	936	-----	-----	109,354
0134 COCOA BEANS-----	52,674	37,513	795	12,797	1,689	-----	-----	-----
0141 FRESH AND FROZEN VEGETABLES-----	129,383	21,940	47,203	1,506	58,644	-----	-----	-----

CONSOLIDATED STATEMENT OF WATERBORNE COMMERCE OF THE  
PORT OF NEW YORK--CONTINUED

FREIGHT TRAFFIC, 1980--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	
0151 LIVE ANIMALS	157	27	82		48	
0161 ANIMALS AND PRODUCTS, NEC	94,695	30,822	19,630	4,243		
0191 MISCELLANEOUS FARM PRODUCTS	16,346	14,928	803	98		
0841 CRUDE RUBBER AND ALLIED GUMS	30,725	25,394	2,701	2,938		
0861 FOREST PRODUCTS, NEC	71,059	62,599	7,058	1,442		
0911 FRESH FISH, EXCEPT SHELLFISH	51,352	36,627	11,952	394	2,228	
0912 SHELLFISH, EXCEPT PREPARED	46,529	38,390	6,140	144	141	
0931 MARINE SHELLS, UNMANUFACTURED	4			4		
1011 IRON ORE AND CONCENTRATES	393	92	200	301		
1051 ALUMINUM ORES, CONCENTRATES	19,603	18,119	1,484			
1061 MANGANESE ORES, CONCENTRATES	662	24	638			
1091 NONFERROUS ORES, CONCENT, NEC	18,238	15,354	3,122			
1121 COAL AND LIGNITE	978,272	25	238,268	73		747,699
1311 CRUDE PETROLEUM	23,355,245	17,299,421		3,313,060	192,763	2,287,259
1411 LIMESTONE	54,445	1,119	53,326			
1412 BUILDING STONE, UNWORKED	5,892		5,892			
1442 SAND, GRAVEL, CRUSHED ROCK	5,718,271	2,171	22,397	1,982,871	1,955	4,109,817
1451 CLAY	392,286	366,606	24,785	894		
1471 PHOSPHATE ROCK	423		423			
1491 SALT	400,142	398,699	1,240	803		
1492 SULPHUR, DRY	2,713		2,680	11	22	
1493 SULPHUR, LIQUID	239,577			92,186	23	147,368
1494 GYPSUM, CRUDE AND PLASTERS	1,362			852	910	
1499 NONMETALLIC MINERALS, NEC	110,440	75,100	30,116	33	1,241	3,950
1911 ORDNANCE AND ACCESSORIES	10,532	3,404	6,669	449	74	
2011 MEAT, FRESH, CHILLED, FROZEN	286,565	137,763	138,320	873	9,809	
2012 MEAT AND PRODUCTS, NEC	636,287	96,945	14,485	25,257	1,188	
2014 FALLOW, ANIMAL FATS AND OILS	208,038	29,049	135,966	707	4,656	70,177
2015 ANIMAL BY-PRODUCTS, NEC	29,049	6,054	15,344	979	8,031	
2021 DAIRY PRODUCTS, NEC	108,950	98,649	1,843	31	25,395	
2022 DRIED MILK AND CREAM	36,837	3,674	7,282	286	12,160	
2031 FISH AND SHELLFISH, PREPARED	110,436	36,801	4,654	54,821	6,476	
2034 VEGETABLES AND PREP, NEC	180,080	146,366	26,727	511	20,902	
2039 PREP FRUIT AND VEG JUICE, NEC	272,228	217,653	24,235	9,838	2,767	3,145
2041 WHEAT FLOUR AND SEMOLINA	8,327		5,535	25	4,250	
2042 PREPARED ANIMAL FEEDS	136,697	10,884	110,222	8,194	2,758	
2049 GRAIN MILL PRODUCTS, NEC	78,861	42,457	33,438	208	10,624	
2061 SJGAR	929,839	725,349	43,723	152,147	4,950	
2062 MOLASSES	84,691	76,030	4,069	22	207,261	
2091 ALCOHOLIC BEVERAGES	943,928	665,391	41,632	29,644	20,941	284,817
2092 VEGETABLE OILS, MARG, SMORY	614,675	273,434	34,391	1,932	18	14,819
2093 ANIMAL OILS AND FATS, NEC	30,626	3,351	12,447		2,871	
2094 GROCERIES	2,371				88,545	
2099 MISCELLANEOUS FOOD PRODUCTS	496,976	241,694	140,352	26,403	1,258	
2111 TOBACCO MANUFACTURES	18,900	3,190	7,864	6,568	4,511	
2211 BASIC TEXTILE PRODUCTS	270,042	120,036	137,363	132	1,020	
2212 TEXTILE FIBERS, NEC	11,916	9,868	967	463	22,418	
2311 APPAREL	204,480	139,669	19,505	22,080	30	
2411 LOGS	32,746	102	32,969	25	240	
2413 FUEL WOOD, CHARCOAL, WASTES	16,994	12,565	4,169	271		
2414 TIMBER, POSTS, POLES, PILING	685	206	206			
2416 WOOD CHIPS, STAVES, HOLDINGS	765	367	398			
2421 LUMBER	221,790	182,398	39,220	172		
2431 VENEER, PLYWOOD, WORKED WOOD	14,309	5,448	8,230	4	2,659	
2491 WOOD MANUFACTURES, NEC	47,178	31,479	12,355	709	15,987	
2511 FURNITURE AND FIXTURES	116,277	81,921	18,332	37		
2611 PULP	22,280	658	21,622		7,673	
2621 STANDARD NEWSPRINT PAPER	7,673				7,388	
2631 PAPER AND PAPERBOARD	224,149	62,227	154,250	304	33,847	
2691 PULP AND PAPER PRODUCTS, NEC	140,689	16,696	88,074	2,072	3,688	
2711 PRINTED MATTER	112,452	47,140	98,768	3,464	93,823	122,679
2810 SODIUM HYDROXIDE	559,793			339,191	129	
2811 CRUDE TAR, OIL, GAS PRODUCTS	18,949	3,340	1,506	12,041	1,359	
2812 DYES, PIGMENT, TANNING MATS	18,291		14,990	3,470	191	
2813 ALCOHOLS	646,222		1,182	623,601	16,433	9,006
2816 RADIOACTIVE MATERIALS, WASTES	950	400	333		217	
2817 BENZENE AND TOLUENE	41,930			34,567	4,771	1,210
2818 SULPHURIC ACID	123,093			18,949	91,006	13,542
2819 BASIC CHEMICALS AND PROD, NEC	1,771,848	424,046	314,522	968,409	56,682	8,169
2821 PLASTIC MATERIALS	527,699	118,892	392,208	1,428	19,139	
2822 SYNTHETIC RUBBER	38,348		37,792		556	
2823 SYNTHETIC (MAN-MADE) FIBERS	20,248	8,612	11,246	1	389	
2831 DRUGS	84,109	32,076	15,504	8,952	7,577	
2841 SOAP	164,680	36,038	79,710	21,222	33,710	
2851 PAINTS	157,687	117,222	34,631	517	9,317	
2861 QJM AND WOOD CHEMICALS	3,033	1,498	1,249		286	
2871 NITROGENOUS CHEM FERTILIZERS	6,872	2,930	1,809	60	2,853	
2872 POTASSIC CHEM FERTILIZERS	1,107		70		37	
2873 PHOSPHATIC CHEM FERTILIZERS	1,737	99	1,638			
2876 INSECTICIDES, DISINFECTANTS	25,682	7,249	13,477	27	4,933	
2879 FERTILIZER AND MATERIALS, NEC	2,972	808	1,917		247	
2891 MISCELLANEOUS CHEMICAL PROD	253,628	49,374	190,973	3,887	3,394	
2911 GASOLINE	22,532,772	1,287,539	14,401	3,910,436	9,239,229	5,028,803
2912 JET FUEL	1,021,996			365,908	318,776	218,408
2913 KEROSENE	1,244,436	92,123	65	542,941	98,920	376,357
2914 DISTILLATE FUEL OIL	24,317,918	759,939	31	4,754,383	7,229,944	9,897,147
2915 RESIDUAL FUEL OIL	46,917,089	13,122,821	82	7,266,606	4,438,338	19,910,896
2916 LUBRICATING OILS AND GREASES	1,233,355	268,742	78,518	814,934	20,891	52,778
2917 NAPHTHA, PETROLEUM SOLVENTS	1,861,393		670,612	439,381	24,010	108,372
2918 ASPHALT, TAR, AND BITUMENS	1,804,439	380,899	3,080	45,752	1,022,044	242,819
2920 COKE, PETROLEUM COKE	1,226	35	1,211			
2921 LIQUEFIED GASES	117,150	108,050	7,100	22	1,918	
2951 ASPHALT BUILDING MATERIALS	13,892		10,112	1	3,779	

## NEW YORK, N. Y., DISTRICT

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CONSOLIDATED STATEMENT OF WATERBORNE COMMERCE OF THE  
PORT OF NEW YORK--CONTINUED

FREIGHT TRAFFIC, 1968--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	INTERNAL				
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
2991 PETROLEUM AND COAL PROD, NEC-----	2,495,094	13,989	13,187	187,291	45,439	324	15,097	2,220,171
3011 RUBBER AND MISC PLASTIC PROD-----	217,102	121,992	74,140	2,149	19,221			
3111 LEATHER AND LEATHER PRODUCTS-----	193,861	113,326	29,796	9,434	1,345			
3211 GLASS AND GLASS PRODUCTS-----	202,898	98,619	81,131	907	22,641			
3241 BUILDING CEMENT-----	934,292	176,293	3,488	1,411	21,963	299,043		32,054
3291 STRUCTURAL CLAY PRODUCTS-----	108,365	76,914	26,888		4,563			
3271 LIME-----	3,983	36	973	1	2,973			
3281 CUT STONE AND STONE PRODUCTS-----	39,087	33,430	1,431		886			
3291 MISC NONMETALLIC MINERAL PROD-----	123,517	84,468	34,739	337	3,973			
3312 SLAG-----	1,440			112	1,328			
3314 IRON AND STEEL PRIMARY FORMS-----	1,893	171	1,641		21			
3315 IRON, STEEL SHAPES, EXC SHEET-----	183,261	104,285	72,993	61	6,882			
3316 IRON AND STEEL PLATES, SHEETS-----	163,494	6	163,294		194			
3317 IRON AND STEEL PIPE AND TUBE-----	96,100	56,233	26,494	3,275	18,138			
3318 FERROALLOYS-----	19,378	3,089	12,293					
3319 IRON AND STEEL PRODUCTS, NEC-----	80,160	56,882	14,684	130	8,504			
3321 NONFERROUS METALS, NEC-----	96,986	60,704	18,722	363	16,797			
3322 COPPER ALLOYS, UNWORKED-----	347,397	138,828	34,037	5,098	1,049			168,345
3323 LEAD AND ZINC, UNWORKED-----	13,333	5,731	6,092	54	1,456			
3324 ALUMINUM AND ALLOYS, UNWORKED-----	63,203	21,449	38,796	27	2,971			
3411 FABRICATED METAL PRODUCTS-----	486,077	319,688	143,119	9,443	17,829			7
3511 MACHINERY, EXCEPT ELECTRICAL-----	747,002	319,182	467,383	4,091	16,470			16
3611 ELECTRICAL MACH AND EQUIP-----	990,676	236,098	239,174	19,766	94,678			
3711 MOTOR VEHICLES, PARTS, EQUIP-----	781,273	913,210	219,073	6,391	46,999			
3721 AIRCRAFT AND PARTS-----	6,039	244	5,791					
3731 SHIPS AND BOATS-----	9,946	6,101	2,817		630			
3792 MISC TRANSPORTATION EQUIPMENT-----	24,694	2,974	19,743	2,140	237			
3811 INSTR, TIME, PHOTO, OPT GOODS-----	198,668	48,904	108,339	3,970	659			
3911 MISC MANUFACTURED PRODUCTS-----	228,131	166,246	45,380	4,206	10,199			
4011 IRON AND STEEL SCRAP-----	2,416,643	5,316	1,783,093	47,911	7,771	3,379		969,177
4012 NONFERROUS METAL SCRAP-----	133,331	5,040	119,294	4,990	4,847			
4022 TEXTILE WASTE, SCRAP, SWEEP-----	136,834	1,573	116,463	20,428	370			
4024 PAPER WASTE AND SCRAP-----	338,819	2,288	336,166		333	28		
4029 WASTE AND SCRAP, NEC-----	10,873,193			980		7,803,785		2,768,428
4111 WATER-----	81,985					30,219		51,770
4112 COMMODITIES, NEC-----	1,092,521	77,933	34,310	400,371	536,249			3,658
4119 EMPTY CONTAINERS-----	144			144				
9999 DEPARTMENT OF DEFENSE AND SCI-----	36,524		36,524					

## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

SUMMARY OF TRAFFIC  
TOTAL WATERBORNE COMMERCE OF THE PORT OF NEW YORK, 1980  
(SHORT TONS)

LOCALITY	TOTAL	FOREIGN		COASTWISE		INTERNAL		LOCAL	PER- CENT	THROUGH TRAFFIC
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS			
PORT CHESTER HARBOR, N. Y.	343,533	-----	-----	48,448	-----	148,003	-----	155,098	.19	-----
NANARONECK HARBOR, N. Y.	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
LARCHMONT HARBOR, N. Y.	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
ECHO BAY HARBOR, N. Y.	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
NEW ROCHELLE HARBOR, N. Y.	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
EAST CHESTER CREEK, N. Y.	1,653,399	-----	-----	63,874	-----	272,539	-----	1,316,986	.81	-----
WESTCHESTER CREEK, N. Y.	574,145	-----	-----	-----	-----	2,154	-----	571,991	.28	-----
BROXN RIVER, N. Y.	418,781	-----	-----	171,999	-----	154,666	-----	92,128	.21	-----
MANHASSETT RAY, N. Y.	207,989	-----	-----	-----	-----	-----	-----	207,989	.18	-----
LONG ISLAND SOUND, LONG	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
ISLAND SHORE IN PORT N.Y.	1,188	-----	-----	-----	-----	-----	-----	1,188	.01	-----
FLUSHING BAY AND CREEK, N.Y.	1,660,286	-----	-----	57,279	-----	864,981	-----	1,038,830	.82	-----
HARLEM RIVER, N. Y.	598,993	-----	-----	138,404	-----	279,672	-----	288,817	.29	-----
HUDSON RIVER, N. Y. LOWER	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
SECTION	614,331	191,870	12,248	98,079	-----	-----	33,080	287,138	.30	21,969,420
HUDSON RIVER CHANNEL, N. Y.	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AND N. J.	4,115,321	1,414,443	797,313	11,900	14,940	25,640	-----	1,851,665	2.03	22,158,091
EAST RIVER, N. Y.	14,569,864	4,190,980	361,494	847,189	190,992	412,484	2,644,051	3,982,767	7.17	30,053,162
NEWYORK CREEK, N. Y.	3,486,110	-----	-----	180,820	148	409,605	14,599	2,888,738	1.72	-----
WALLABOUT CHANNEL, N. Y.	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
BUTTERNICK CHANNEL, N. Y.	1,120,740	426,101	407,750	-----	-----	41,173	-----	245,714	.99	412,261
BAY RIDGE AND RED HOOK	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHANNELS, N. Y.	1,937,273	916,435	389,217	19,716	38,733	979	297,920	674,271	.99	2,006,237
GOWANUS CREEK CHANNEL, N.Y.	2,211,116	243,095	208,499	348,569	38,334	935	4,926	1,372,758	1.09	618,282
GOWANUS CANAL, N. Y.	619,807	-----	-----	88,771	-----	210,607	-----	320,429	.31	-----
GRAVESEND BAY, N. Y.	1,968,548	346,869	159	338,366	89,017	2,300	27,546	1,188,281	.97	-----
CONEY ISLAND CREEK, N. Y.	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CONEY ISLAND CHANNEL, N.Y.	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
SHEEPSHEAD BAY, N. Y.	88,990	-----	-----	-----	-----	86,745	-----	1,845	.04	2,665,287
EAST ROCKAWAY INLET, N. Y.	353	-----	-----	-----	-----	353	-----	353	.01	1,571,564
JAMAICA BAY, N. Y.	3,315,554	-----	-----	8,608	5,784	410,139	646,942	2,244,084	1.63	86,745
LEMON CREEK STATEN ISLAND,	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
N. Y.	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
GREAT KILLS HARBOR, STATEN	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
ISLAND, N. Y.	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
SHOAL HARBOR AND COMPTON	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CREEK, N. J.	29,808	-----	-----	-----	-----	-----	17,761	12,047	.01	-----
KEYPORT HARBOR, N. J.	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEESEJAKE CREEK, N. J.	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
RARITAN RIVER, N. J.	6,399,400	60,964	-----	249,358	184,230	130,856	3,171,784	2,606,168	3.15	-----
ELIZABETH RIVER, N. J.	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
RAHWAY RIVER, N. J.	132,978	-----	-----	-----	-----	132,978	-----	-----	.07	-----
UPPER BAY, NEW YORK HARBOR,	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
N. Y. AND N. J.	34,833,924	13,970,727	558,457	5,028,702	1,357,633	19,764	1,141,186	13,164,659	17.15	108,493,524
SANDY HOOK BAY, N. J.	19,199	62	5,105	-----	-----	-----	-----	14,032	.01	17,761
NEWARK BAY, N. J.	15,290,449	4,617,160	4,288,227	1,109,856	2,125,729	3,145	267,783	2,684,550	7.53	10,622,497
HACKENSACK RIVER, N. J.	2,663,967	-----	-----	368,746	-----	247,956	258,988	1,796,297	1.31	-----
PASSIAC RIVER, N. J.	8,310,199	338,790	6,710	1,389,840	2,811,276	240,794	1,055,920	2,466,865	4.09	-----
NEW YORK AND NEW JERSEY	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHANNELS, N. Y. AND N. J.	95,975,661	16,797,546	440,987	19,977,188	18,070,177	923,367	6,556,101	37,210,388	47.21	26,648,113
RARITAN RIVER TO ARTHUR	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
KILL CUT OFF CHANNEL, N.J.	-----	-----	-----	-----	-----	-----	-----	-----	-----	2,906,336
WAYCAKE CREEK, N. J.	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
SANDY HOOK BAY AT LEONARDO,	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
N. J.	211	-----	-----	-----	-----	-----	-----	211	.01	-----
TOTAL GROSS, UNADJUSTED---	203,166,782	42,715,042	7,476,566	26,903,681	24,882,994	4,935,718	16,217,172	80,836,349	100.00	-----
PERCENT-----	-----	21.02	3.68	13.09	12.25	2.23	7.98	39	100.00	-----
NET VOLUME OF TONNAGE OF	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
THE PORT-----	166,991,220	42,715,042	7,476,566	26,903,681	24,882,994	4,935,018	16,217,172	44,660,987	-----	-----
PERCENT-----	-----	25.98	4.48	15.87	14.90	2.72	9.71	26	100.00	-----

HUDSON RIVER, N. Y., DEEPWATER IN UPPER BAY, N. Y. TO  
WATERFORD, N. Y. (CONSOLIDATED REPORT)

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	ADDITIONAL TRAFFIC							
			RAILROAD FREIGHT CARS							
			INBOUND (UPBOUND)				OUTBOUND (DOWNBOUND)			
			EMPTY	LOADED	EMPTY	LOADED	EMPTY	LOADED	EMPTY	LOADED
1971-----	34,209,625	3,937,574	26,994	11,182	3,987	46,554	13,278	9,127	10,998	11,813
1972-----	39,936,516	3,878,727	21,032	9,535	2,484	32,847	6,719	1,439	2,927	9,623
1973-----	40,992,969	3,717,256	27,873	4,131	3,351	30,296	2,807	210	596	2,348
1974-----	38,479,579	3,894,208	42,819	9,921	4,463	48,885	1,600	98	482	1,289
1975-----	34,135,648	3,380,255	43,579	2,985	4,171	43,326	29	33	25	302
1976-----	28,888,347	4,852,677	14,489	5	3,428	-----	-----	-----	-----	-----
1977-----	26,220,192	4,303,886	2,880	6,979	7,910	2,634	-----	-----	-----	-----
1978-----	38,890,598	3,678,296	6,820	988	822	8,862	-----	-----	-----	-----
1979-----	25,519,840	3,882,450	789	6,423	6,241	867	-----	-----	-----	-----
1980-----	27,383,819	4,296,080	4,236	190	-----	4,546	-----	-----	-----	-----

## NEW YORK, N. Y., DISTRICT

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HUDSON RIVER, N. Y., DEEPWATER IN UPPER BAY, N. Y. TO  
WATERFORD, N. Y., (CONSOLIDATED REPORT)--CONTINUED

FREIGHT TRAFFIC, 1960

OCEANBOARDS

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC COASTWISE			
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	THROUGH	
						UPBOUND	DOWNBOUND
TOTAL	11,198,493	4,544,642	1,393,140	2,726,709	2,483,085	8,500	2,377
0101 COTTON, RAW	20	7	13				
0103 CORN	248,768	22	248,743				
0104 OATS	53		53				
0105 RICE	125	120	5				
0107 WHEAT	179,924		179,924				
0111 SOYBEANS	1	1					
0119 OILSEEDS, NEC	349	338	11				
0121 TOBACCO, LEAF	33,941	32,046	1,895				
0129 FIELD CROPS, NEC	578	431	147				
0131 FRESH FRUITS AND TREE NUTS	199,279	198,079	1,200				
0133 COFFEE, CLOVE, AND SEMOLINA	16,417	16,225	192				
0134 COCOA BEANS	13,667	13,649	18				
0141 FRESH AND FROZEN VEGETABLES	9,344	2,401	6,943				
0151 LIVE ANIMALS	37	25	12				
0161 ANIMALS AND PRODUCTS, NEC	4,747	3,514	1,233				
0191 MISCELLANEOUS FARM PRODUCTS	487	443	44				
0841 CRUDE RUBBER AND ALLIED GUMS	1,785	1,391	434				
0861 FOREST PRODUCTS, NEC	7,446	6,866	750				
0911 FRESH FISH, EXCEPT SHELLFISH	2,003	1,276	727				
0912 SHELLFISH, EXCEPT PREPARED	1,988	1,405	583				
1011 IRON ORE AND CONCENTRATES	89	22	67				
1051 ALUMINUM ORES, CONCENTRATES	3,616	3,235	381				
1091 NONFERROUS ORES, CONCENT, NEC	1,437	594	843				
1121 COAL AND LIGNITE	24,415	18	24,397				
1311 CRUDE PETROLEUM	576,182	530,300	45,882				
1411 LIMESTONE	968,221	968,584	1,637				
1412 BUILDING STONE, UNWORKED	6	6					
1442 SAND, GRAVEL, CRUSHED ROCK	1,045,044	986	11,085	84,271	946,322		
1491 CLAY	45,799	48,993	4,796				
1491 PHOSPHATE ROCK	4	6					
1491 SALT	31,246	31,196	50				
1492 SULPHUR, DRY	424	424					
1499 NONMETALLIC MINERALS, NEC	24,461	22,579	2,082				
1911 ORDNANCE AND ACCESSORIES	2,200	402	1,798				
2011 MEAT, FRESH, CHILLED, FROZEN	47,359	41,959	5,360				
2012 MEAT AND PRODUCTS, NEC	5,178	3,936	1,242				
2014 TALLOW, ANIMAL FATS AND OILS	6,544		6,577	767			
2019 ANIMAL BY-PRODUCTS, NEC	9,461	1,994	3,507				
2021 DAIRY PRODUCTS, NEC	8,145	7,846	299				
2022 DRIED MILK AND CREAM	2,686	640	2,046				
2031 FISH AND SHELLFISH, PREPARED	6,241	5,412	829				
2034 VEGETABLES AND PREP, NEC	26,367	22,481	3,904				
2039 PREP FRUIT AND VEG JUICE, NEC	29,732	23,235	2,497				
2041 WHEAT FLOUR AND SEMOLINA	1,137		1,137				
2042 PREPARED ANIMAL FEEDS	34,865	453	34,410				
2049 GRAIN MILL PRODUCTS, NEC	16,591	8,906	7,685				
2061 SUGAR	288,479	198,568	36	90,675			
2062 MOLASSES	199,471	192,441	3,030				
2081 ALCOHOLIC BEVERAGES	147,445	142,580	5,065				
2091 VEGETABLE OILS, HARD, SHORT	23,000	10,567	4,749	1,492	7,072		
2092 ANIMAL OILS AND FATS, NEC	1,094	1,071	25				
2099 MISCELLANEOUS FOOD PRODUCTS	38,482	28,840	9,562				
2111 TOBACCO MANUFACTURES	892	421	471				
2211 BASIC TEXTILE PRODUCTS	40,436	22,801	17,655				
2212 TEXTILE FIBERS, NEC	23		23				
2311 APPAREL	24,230	21,792	2,478				
2411 LOGS	1,047	48	999				
2413 FUEL WOOD, CHARCOAL, WASTES	1,104		1,104				
2421 LUMBER	22,513	17,828	4,685				
2431 VENEER, PLYWOOD, WORKED WOOD	949	864	85				
2491 WOOD MANUFACTURES, NEC	6,710	4,894	1,836				
2511 FURNITURE AND FIXTURES	16,734	14,808	1,936				
2611 PULP	29,604	19,214	5,390				
2631 PAPER AND PAPERBOARD	33,489	10,042	23,383				
2691 PULP AND PAPER PRODUCTS, NEC	14,660	2,498	12,170				
2711 PRINTED MATTER	17,463	7,936	9,927				
2811 CRUDE TAR, OIL, GAS PRODUCTS	189	11	98				
2812 DYES, PIGMENT, TANNING MATS	2,141		2,141				
2813 ALCOHOLS	2,322		88	1,428	806		
2816 RADIOACTIVE MATERIALS, WASTES	14	11	3				
2819 BASIC CHEMICALS AND PROD, NEC	78,774	34,709	39,203	4,662			
2821 PLASTIC MATERIALS	78,193	19,493	98,740				
2822 SYNTHETIC RUBBER	9,567		9,567				
2823 SYNTHETIC (MAN-MADE) FIBERS	3,386	1,799	1,581				
2831 DRUGS	9,798	3,962	1,796				
2841 SOAP	13,792	2,905	9,584	1,303			
2891 PAINTS	23,368	10,768	6,976				
2891 GUM AND WOOD CHEMICALS	223		114				
2871 NITROGENOUS CHEM FERTILIZERS	208	88	120				
2873 PHOSPHATIC CHEM FERTILIZERS	85	3					
2876 INSECTICIDES, DISINFECTANTS	2,238	1,281	957				
2879 FERTILIZER AND MATERIALS, NEC	330	201	29				
2891 MISCELLANEOUS CHEMICAL PROD	29,683	6,246	23,557				
2911 GASOLINE	366,338	6,692	1,215	354,971	3,700		
2913 KEROSENE	20,297		20,297				
2914 DISTILLATE FUEL OIL	545,214		30	589,765	35,419		
2919 RESIDUAL FUEL OIL	2,054,081	1,389,308	24	1,465,961	56,641		2,377
2916 LUBRICATING OILS AND GREASES	15,907	41	7,035	7,031			
2917 NAPHTHA, PETROLEUM SOLVENTS	64,472				64,472		



## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

HUDSON RIVER, N. Y., DEEPWATER IN UPPER BAY, N. Y. TO  
WATERFORD, N. Y. (CONSOLIDATED REPORT)--CONTINUED

FREIGHT TRAFFIC, 1980--CONTINUED

OCEANGOING--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC COASTWISE			
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	THROUGH	
						UPBOUND	DOWNBOUND
2918 ASPHALT, TAR, AND PITCHES-----	229,024	26,949	113	193,662		8,360	
2920 COKE, PETROLEUM COKE-----	312		312				
2921 LIQUEFIED GASES-----	715		715				
2991 ASPHALT BUILDING MATERIALS-----	1,386		1,386				
2991 PETROLEUM AND COAL PROD, NEC-----	1,266	431	835				
3011 RUBBER AND MISC PLASTIC PROD-----	30,082	20,723	9,359				
3111 LEATHER AND LEATHER PRODUCTS-----	31,246	20,129	11,117				
3211 GLASS AND GLASS PRODUCTS-----	40,130	17,044	23,086				
3241 BUILDING CEMENT-----	1,383,811	70	18,019		1,365,722		
3251 STRUCTURAL CLAY PRODUCTS-----	17,321	13,496	3,825				
3271 LIME-----	31	22	9				
3291 CUT STONE AND STONE PRODUCTS-----	10,289	10,136	153				
3311 MISC NONMETALLIC MINERAL PROD-----	16,901	10,109	6,483	2,219			
3314 IRON AND STEEL PRIMARY FORMS-----	120	32	88				
3315 IRON, STEEL SHAPES, EXC SHEET-----	26,300	13,135	13,249				
3316 IRON AND STEEL PLATES, SHEETS-----	22,060		22,060				
3317 IRON AND STEEL PIPE AND TUBE-----	10,368	7,990	2,778				
3318 FERROALLOYS-----	785	401	384				
3319 IRON AND STEEL PRODUCTS, NEC-----	9,350	7,235	2,115				
3321 NONFERROUS METALS, NEC-----	9,483	7,015	2,468				
3322 COPPER ALLOYS, UNWORKED-----	15,319	12,320	2,999				
3323 LEAD AND ZINC, UNWORKED-----	2,019	726	1,293				
3324 ALUMINUM AND ALLOYS, UNWORKED-----	6,703	3,608	3,103				
3411 FABRICATED METAL PRODUCTS-----	87,695	36,779	18,778				
3511 MACHINERY, EXCEPT ELECTRICAL-----	88,279	35,937	52,122			200	
3611 ELECTRICAL MACH AND EQUIP-----	66,872	14,918	31,954				
3711 MOTOR VEHICLES, PARTS, EQUIP-----	88,589	64,263	24,306				
3721 AIRCRAFT AND PARTS-----	823	14	809				
3731 SHIPS AND BOATS-----	1,048	529	355		164		
3791 MISC TRANSPORTATION EQUIPMENT-----	5,365	105	5,260				
3811 INSTP, TIME, PHOTO, OPT GOODS-----	27,421	6,007	21,421				
3911 MISC MANUFACTURED PRODUCTS-----	43,425	39,715	7,710				
4011 IRON AND STEEL SCRAP-----	125,869	123	125,746				
4012 NONFERROUS METAL SCRAP-----	20,676	1,586	20,692				
4022 TEXTILE WASTE, SCRAP, SHEEP-----	28,771	96	28,671				
4024 PAPER WASTE AND SCRAP-----	78,765	1,305	77,370				
4112 COMMODITIES, NEC-----	39,233	25,979	13,254				
9999 DEPARTMENT OF DEFENSE AND SCI-----	11,067		11,067				

TON-MILES, OCEANGOING. 811,367,297.

TON-MILES, OCEANGOING. 811,367,297.

INTERNAL  
(SHORT TONS)

COMMODITY	TOTAL	INBOUND		OUTBOUND		THROUGH			
		UPBOUND	DOWNBOUND	UPBOUND	DOWNBOUND	UPBOUND	DOWNBOUND		
TOTAL-----	16,225,366	9,474,763	5,456	608,447	5,261,965	103,177	423,725	315,074	31,859
0133 COFFEE-----	97,806	93,399				4,411			
1311 CRUDE PETROLEUM-----	262,744	262,744							
1442 SALT, GRAIN, CRUSHED ROCK-----	4,489,096				4,084,157		404,899		
2014 TALLOW, ANIMAL, FATS AND OILS-----					6,815				
2091 VEGETABLE OILS, MARG. SHORT-----	184,566	170,470			13,777	327			
2092 ANIMAL OILS AND FATS, NEC-----	4,853	881			3,672				
2810 SODIUM HYDROXIDE-----	6,890	6,890							
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	1,359	1,359							
2813 ALCOHOLS-----	1,593	479			1,114				
2817 BENZENE AND TOLUENE-----	1,382	1,382							
2911 GASOLINE-----	3,335,275	3,078,769		175,546	7,625	6,974	876	45,465	
2912 JET FUEL-----	126,864	38,499						88,365	
2913 KEROSENE-----	199,795	157,500		13,232	9,634		258	18,931	
2914 DISTILLATE FUEL OIL-----	3,231,671	2,738,059	5,456	250,782	73,680	41,596	19,197	82,892	
2915 RESIDUAL FUEL OIL-----	3,004,982	2,829,136		168,887	193	29,860	2,495	2,593	31,859
2916 LUBRICATING OILS AND GREASES-----	556	556							
2917 NAPHTHA, PETROLEUM SOLVENTS-----	43,028	19,018			24,010				
2918 ASPHALT, TAR, AND PITCHES-----	104,641	46,843						57,798	
2991 PETROLEUM AND COAL PROD. NEC-----	15,381	15,097			326				
3241 BUILDING CEMENT-----	299,643				299,643				
3322 COPPER ALLOYS, UNWORKED-----	3,003	3,003							
3411 FABRICATED METAL PRODUCTS-----	3	3							
3911 MACHINERY, EXCEPT ELECTRICAL-----	3	3							
4111 IRON AND STEEL, SCRAP-----	77,166	3,081			74,085				
4029 WASTE AND SCRAP, NEC-----	633,318				633,318				
4111 WATER-----	39,811	5,596			30,215				
TON-MILES, INTERNAL-----	1,013,477,272								

TON-MILES, INTERNAL, 1,013,477,272.

TONS, ALL TRAFFIC, 27,383,819.  
TON-MILES, ALL TRAFFIC, 1,824,844,569.

## NEW YORK, N. Y., DISTRICT

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HUDSON RIVER, N. Y., MOUTH OF SPUYTEN DUYVIL BREEK  
(HARLEM RIVER) TO WATERFORD, N. Y.

SECTION INCLUDED: MOUTH OF SPUYTEN DUYVIL BREEK (HARLEM RIVER) TO WATERFORD, N. Y. CONTROLLING DEPTH: 32 FEET MEAN LOW WATER FROM NEW YORK CITY TO 1,500 FEET SOUTH OF NORTH LIMIT OF 32-FOOT PROJECT; THENCE 14 FEET TO HEAD OF PROJECT AT WATERFORD, N. Y. PROJECT DEPTH: 34 FEET IN ROCK AND 32 FEET IN SOFT MATERIAL MEAN LOW WATER FROM NEW YORK CITY TO ALBANY; 14 FEET LOWEST LOW WATER TO WATERFORD. PROJECT LENGTH: ABOUT 195 MILES, NAVIGATION SEASON: LOWER SECTION: 12 MONTHS, UPPER SECTION: FOR BARGES 8 MONTHS, FOR OCEANGOING VESSELS 12 MONTHS.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1971-----	28,055,983	989,130	1976-----	24,279,222	1,025,518
1972-----	29,307,810	919,407	1977-----	24,313,696	932,470
1973-----	32,007,221	1,249,032	1978-----	25,743,749	655,849
1974-----	28,089,748	1,251,333	1979-----	24,418,674	1,117,009
1975-----	24,880,506	911,087	1980-----	23,294,158	1,104,844

## FREIGHT TRAFFIC, 1980

## OCEANGOING

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC COASTWISE			
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	THROUGH	
						UPBOUND	DOWNBOUND
TOTAL-----	8,919,897	3,130,199	595,827	2,714,809	2,468,145	8,500	2,377
0103 CORN-----	748,499		248,499				
0107 WHEAT-----	179,924		179,924				
0131 FRESH FRUITS AND TREE NUTS-----	188,798	188,798					
0181 ANIMALS AND PRODUCTS, NEC-----	17	17					
1121 COAL AND LIGNITE-----	23,769		23,769				
1311 CRUDE PETROLEUM-----	576,182	530,360		45,822			
1411 LIMESTONE-----	966,333	966,333					
1442 SAND, GRAVEL, CRUSHED ROCK-----	1,032,011		2,233	81,456	948,322		
1911 ORDNANCE AND ACCESSORIES-----	22	22					
2039 PREP FRUIT AND VEG JUICE, NEC-----	5,318	5,318					
2061 SUGAR-----	281,945	191,670		90,075			
2062 MOLASSES-----	148,480	145,430		3,050			
2111 TOBACCO MANUFACTURES-----	139		139				
2311 APPAREL-----	4		4				
2421 LUMBER-----	1,425	1,425					
2611 PULP-----	15,175	15,175					
2819 BASIC CHEMICALS AND PROD, NEC-----	52		52				
2821 PLASTIC MATERIALS-----	3		3				
2911 GASOLINE-----	358,671			354,971	3,700		
2913 KEROSENE-----	20,257			20,257			
2914 DISTILLATE FUEL OIL-----	539,053			509,765	29,288		
2919 RESIDUAL FUEL OIL-----	2,509,716	1,045,137		1,405,561	56,641		2,377
2916 LUBRICATING OILS AND GREASES-----	7,931			7,931			
2917 NAPHTHA, PETROLEUM SOLVENTS-----	64,472				64,472		
2918 ASPHALT, TAR, AND BITUMENS-----	201,962			193,662		8,300	
3011 RUBBER AND MISC PLASTIC PROD-----	34	34					
3241 BUILDING CEMENT-----	1,383,484		17,762		1,365,722		
3291 MISC NONMETALLIC MINERAL PROD-----	2,219			2,219			
3319 IRON, STEEL SHAPES, ETC SHEET-----	12,092		12,092				
3321 NONFERROUS METALS, NEC-----	5		5				
3322 COPPER ALLOYS, UNWORKED-----	26		26				
3324 ALUMINUM AND ALLOYS, UNWORKED-----	1,108		1,108				
3411 FABRICATED METAL PRODUCTS-----	2		2				
3511 MACHINERY, EXCEPT ELECTRICAL-----	339	1	38			200	
3611 ELECTRICAL MACH AND EQUIP-----	125		124				
3711 MOTOR VEHICLES, PARTS, EQUIP-----	40,265	40,212	53				
4011 IRON AND STEEL SCRAP-----	110,006		110,006				
4112 COMMODITIES, NEC-----	129	129					
TON-MILES, OCEANGOING-----	784,289,810.						

## INTERNAL

(SHORT TONS)

COMMODITY	TOTAL	INBOUND		OUTBOUND		UPBOUND	DOWNBOUND	THROUGH	
		UPBOUND	DOWNBOUND	UPBOUND	DOWNBOUND			UPBOUND	DOWNBOUND
TOTAL-----	14,374,381	8,383,083	9,496	608,447	4,933,038	98,439	398,069	315,974	31,859
1311 CRUDE PETROLEUM-----	282,744	282,744							
1442 SAND, GRAVEL, CRUSHED ROCK-----	4,489,896				4,489,817		379,230		
2011 CRUDE TAR, OIL, GAS PRODUCTS-----	1,399	1,399							
2017 BENZENE AND TOLUENE-----	1,382	1,382							
2911 GASOLINE-----	3,839,275	3,878,789		179,966	7,625	6,974	876	69,469	
2912 JET FUEL-----	126,864	30,499						88,365	
2913 KEROSENE-----	188,771	182,283		13,232	4,867		250	18,931	
2914 DISTILLATE FUEL OIL-----	2,998,688	2,595,893	9,496	258,782	21,968	61,996	19,197	82,882	
2919 RESIDUAL FUEL OIL-----	2,447,847	2,211,914		168,887		29,869	2,495	2,523	31,859
2916 LUBRICATING OILS AND GREASES-----	132	132							
2917 NAPHTHA, PETROLEUM SOLVENTS-----	43,828	19,018			24,810				
2918 ASPHALT, TAR, AND BITUMENS-----	104,641	46,843						57,798	
2991 PETROLEUM AND COAL PROD, NEC-----	19,381	19,097			384				
3241 BUILDING CEMENT-----	299,843				299,843				
4011 IRON AND STEEL SCRAP-----	3,379				3,379				

## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

HUDSON RIVER, N. Y., MOUTH OF SPUYTEN DUYVIL CREEK  
(HARLEM RIVER) TO WATERFORD, N. Y.--CONTINUED

FREIGHT TRAFFIC, 1980--CONTINUED

INTERNAL--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	INBOUND		OUTBOUND		UPBOUND	DOWNBOUND	THROUGH	
		UPBOUND	DOWNBOUND	UPBOUND	DOWNBOUND			UPBOUND	DOWNBOUND
4029 WASTE AND SCRAP, NEC-----	33,000	-----	-----	-----	33,000	-----	-----	-----	-----
4111 WATER-----	30,215	-----	-----	-----	30,215	-----	-----	-----	-----
TON-MILES, INTERNAL, 857,486,322.									
TONS, ALL TRAFFIC, 23,294,158.									
TON-MILES, ALL TRAFFIC, 1,561,986,132.									

TARRYTOWN HARBOR, N. Y.  
(INCLUDED IN STATISTICS FOR HUDSON RIVER)

SECTION INCLUDED: A CHANNEL ALONG THE WHARF FRONT; AND NORTHERLY AND SOUTHERLY CONNECTING CHANNELS TO DEEP WATER IN THE HUDSON RIVER. CONTROLLING DEPTH: 12 FEET IN NORTH BRANCH AND 12 FEET ALONG WHARF FRONT AND 12 FEET IN SOUTH BRANCH, PROJECT DEPTH: 12 FEET. ALL AT MEAN LOW WATER. PROJECT LENGTH: 1 MILE. NAVIGATION SEASON: 10 MONTHS OF THE YEAR.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971-----	408,437	1976-----	409,571
1972-----	597,467	1977-----	257,359
1973-----	632,798	1978-----	430,794
1974-----	669,239	1979-----	470,287
1975-----	492,129	1980-----	433,203

FREIGHT TRAFFIC, 1980

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE	INTERNAL
		RECEIPTS	RECEIPTS
TOTAL-----	433,203	81,456	351,747
1442 SAND, GRAVEL, CRUSHED ROCK-----	367,980	81,456	286,524
2914 DISTILLATE FUEL OIL-----	32,498	-----	32,498
2919 RESIDUAL FUEL OIL-----	32,725	-----	32,725

RONDOUT HARBOR, N. Y.  
(INCLUDED IN STATISTICS FOR HUDSON RIVER)

SECTION INCLUDED: HUDSON RIVER TO WEST END OF ISLAND DOCK. CONTROLLING DEPTH: 14 FEET FROM DEEP WATER IN HUDSON RIVER TO HIGHWAY BRIDGE, THENCE 12 FEET TO WEST END OF ISLAND DOCK. PROJECT DEPTH: 14 AND 12 FEET; ALL AT MEAN LOW WATER. PROJECT LENGTH: 1.8 MILES. NAVIGATION SEASON: 9 MONTHS OF THE YEAR.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971-----	619,536	1976-----	437,730
1972-----	647,009	1977-----	514,169
1973-----	861,394	1978-----	442,173
1974-----	690,322	1979-----	500,890
1975-----	511,037	1980-----	413,971

FREIGHT TRAFFIC, 1980

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE	INTERNAL	
		SHIPMENTS	RECEIPTS	SHIPMENTS
TOTAL-----	463,071	82,080	71,596	289,379
1442 SAND, GRAVEL, CRUSHED ROCK-----	339,000	82,080	-----	257,000
2913 KEROSENE-----	1,678	-----	1,678	-----
2914 DISTILLATE FUEL OIL-----	69,369	-----	69,369	-----
2919 RESIDUAL FUEL OIL-----	557	-----	557	-----
4011 IRON AND STEEL SCRAP-----	3,379	-----	-----	3,379

## NEW YORK, N. Y., DISTRICT

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PORT OF ALBANY, N. Y.  
(INCLUDED IN STATISTICS FOR HUDSON RIVER)

SECTION INCLUDED: FROM THE SOUTHERLY END OF CABBAGE ISLAND OR ISLAND CREEK TO THE NORTHERLY LIMITS OF THE CITIES OF RENSSELAER AND ALBANY, CONTROLLING DEPTH: 32 FEET MEAN LOW WATER FROM THE SOUTHERLY END OF CABBAGE ISLAND TO 4,500 FEET SOUTH OF NORTH LIMIT OF 32-FOOT PROJECT; THENCE 13 FEET TO NORTH LIMIT OF 32-FOOT PROJECT; THENCE 14 FEET TO WATERFORD, PROJECT DEPTH: 34 FEET IN ROCK AND 32 FEET IN SOFT MATERIAL TO A POINT ABOUT 2,200 FEET SOUTH OF DUNN MEMORIAL BRIDGE; THENCE 14 FEET TO WATERFORD, ALL AT MEAN LOW WATER EXCEPT FROM ALBANY TO TROY LOCK AND DAM WHICH IS AT LOWEST LOW WATER; NAVIGATION SEASON: FOR BARGES, 8 MONTHS; FOR OCEANGOING VESSELS, 12 MONTHS.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1971	10,209,438		1976	10,146,499	720
1972	10,262,329	3	1977	9,591,325	
1973	11,320,279		1978	9,832,493	144
1974	9,610,040		1979	9,658,112	
1975	9,260,233		1980	8,711,672	302

## FREIGHT TRAFFIC, 1980

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	INTEARNAL				
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL-----	8,711,672	1,050,336	539,539	1,264,341	128,666	4,063,378	752,641	12,571
0103 CORN-----	248,495		248,495					
0107 WHEAT-----	179,924		179,924					
0131 FRESH FRUITS AND TREE NUTS-----	188,798	188,798						
0141 ANIMALS AND PRODUCTS, NEC-----	17		17					
1311 CRUDE PETROLEUM-----	823,089	514,463		45,882		262,744		
1411 LIMESTONE-----	76,672	76,672						
1442 SAND, GRAVEL, CRUSHED ROCK-----	4,341						4,341	
1911 ORDNANCE AND ACCESSORIES-----	22	22						
2039 PREP FRUIT AND VEG JUICE, NEC-----	5,318	5,318						
2042 MOLASSES-----	148,460	145,430		3,030				
2311 APPAREL-----	4		4					
2421 LUMBER-----	1,425	1,425						
2611 PULP-----	15,175	15,175						
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	1,359					1,359		
2817 BENZENE AND TOLUENE-----	1,382					1,382		
2821 PLASTIC MATERIALS-----	3		3					
2911 GASOLINE-----	2,267,736			339,649	3,708	1,743,055	181,332	
2912 JET FUEL-----	38,499					38,499		
2913 KEROSENE-----	142,517			20,257		104,703	17,557	
2914 DISTILLATE FUEL OIL-----	1,942,140			437,205	22,145	1,335,612	337,102	10,076
2915 RESIDUAL FUEL OIL-----	2,167,361	962,676		227,359	38,349	187,975		2,495
2916 LUBRICATING OILS AND GREASES-----	7,931			7,931				
2917 NAPHTHA, PETROLEUM SOLVENTS-----	107,500				64,472	19,018	24,010	
2918 ASPHALT, TAR, AND PITCHES-----	188,064			183,228		4,836		
2991 PETROLEUM AND COAL PROD, NEC-----	3,987					3,663	324	
3324 ALUMINUM AND ALLOYS, UNWORKED-----	1,107		1,107					
3411 FABRICATED METAL PRODUCTS-----	1	1						
3511 MACHINERY, EXCEPT ELECTRICAL-----	1	1						
3611 ELECTRICAL MACH AND EQUIP-----	1	1						
3711 MOTOR VEHICLES, PARTS, EQUIP-----	40,212	40,212						
4011 IRON AND STEEL SCRAP-----	110,006		110,006					
4112 COMMODITIES, NEC-----	125	125						

## FEDERAL LOCK, TROY, N. Y.

NAVIGATION SEASON: 13 APRIL TO 14 DECEMBER 1980

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971	2,279,862	1976	1,940,369
1972	2,378,947	1977	1,568,076
1973	2,386,886	1978	1,490,922
1974	2,124,615	1979	1,262,205
1975	1,747,012	1980	1,034,103

## FREIGHT TRAFFIC, 1980

COMMODITY	TONS
2613 ALCOHOLS	23,357
2911 GASOLINE	894,233
2912 JET FUEL	94,981
2913 KEROSENE	36,229
2914 DISTILLATE FUEL OIL	233,737
2915 RESIDUAL FUEL OIL	12,091
2916 LUBRICATING OILS AND GREASES	71,026
2918 ASPHALT, TAR, AND PITCHES	4,538
2911 MACHINERY, EXCEPT ELECTRICAL	
GRAND TOTAL	1,034,103
TRAFFIC (TONS) NORTH	970,053
TRAFFIC (TONS) SOUTH	64,050
TOTAL	1,034,103

## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

## NEW YORK STATE BARGE CANAL SYSTEM, N. Y.

SECTION INCLUDED: FEDERAL PROJECT-ERIE SECTION: FROM WATERFORD TO THREE RIVERS; OSWEGO SECTION: THREE RIVERS TO OSWEGO, N. Y.; NON-PROJECT-ERIE SECTION: THREE RIVERS TO TONAWANDA, N. Y.; CHAMPLAIN SECTION: WATERFORD TO WHITEHALL, N. Y.; CONTROLLING DEPTH: 14 FEET IN EARTH CUTS, ROCK CUTS, CANALIZED RIVERS AND LAKES AND 14 OPEN RIVERS; 12 FEET IN LOCKS. PROJECT DEPTH: 14 FEET, 13 FEET IN LOCKS. PROJECT LENGTH: APPROXIMATELY 184 MILES, ALL BELOW NORMAL POOL LEVEL; NAVIGATION SEASON: 22 APRIL TO 6 DECEMBER 1980.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971-----	2,488,205	1976-----	2,227,052
1972-----	2,509,049	1977-----	1,826,878
1973-----	2,548,113	1978-----	1,953,310
1974-----	2,222,827	1979-----	1,383,337
1975-----	1,940,772	1980-----	1,148,382

## SUMMARY FREIGHT TRAFFIC, 1980

DIVISIONS	TONS
CAYUGA-SENECA-----	260
CHAMPLAIN-----	701,780
ERIE-----	311,793
OSWEGO-----	134,549
TOTAL-----	1,148,382

## DISTRIBUTION AND FLOW OF TRAFFIC

TRAFFIC	CAYUGA-SENECA (TONS)	CHAMPLAIN (TONS)	ERIE (TONS)	OSWEGO (TONS)	TOTAL ALL CANALS (TONS)
EAST-----	260	701,780	10,333	134,549	846,922
WEST-----			301,460		301,460
THROUGH-----		626,889	63,676	39,183	729,748
LOCAL-----	260	74,891	248,117	95,366	418,634
THROUGH, EAST-----		626,889	5,963	39,183	672,035
THROUGH, WEST-----			57,713		57,713
LOCAL, EAST-----			4,370	95,366	174,887
LOCAL, WEST-----	260	74,891	243,747		243,747

THE TOTAL TONNAGE OF THE COMMODITIES TRANSPORTED AND THE AMOUNTS (IN NET TONS) MOVED EASTWARD AND WESTWARD ARE SHOWN IN THE FOLLOWING STATEMENT:

COMMODITY	TOTAL	EAST	WEST
TOTAL-----	1,148,382	846,922	301,460
1442 SAND, GRAVEL, CRUSHED ROCK-----		2,980	38,850
2813 ALCOHOLS-----	83,397	23,357	
2911 GASOLINE-----	204,233	263,541	30,692
2912 JET FUEL-----	94,981	89,837	5,144
2913 KEROSENE-----	36,229	34,538	1,691
2914 DISTILLATE FUEL OIL-----	263,019	231,971	31,048
2915 RESIDUAL FUEL OIL-----	233,737	127,039	106,698
2916 LUBRICATING OILS AND GREASES-----	12,001		12,001
2918 ASPHALT, TAR, AND BITUMENS-----	71,026		71,026
3241 BUILDING CEMENT-----	71,809	71,809	
3911 MACHINERY, EXCEPT ELECTRICAL-----	5,480	2,160	3,320
TOTAL TON-MILES, 104,825,155			

## NARROWS OF LAKE CHAMPLAIN, N. Y. AND VT.

SECTION INCLUDED: FROM WHITEHALL TO BENSON LANDING. CONTROLLING DEPTH: (1977) 12 FEET LOW LAKE LEVEL FROM WHITEHALL TO THE ELBOW; THENCE 12 FEET TO BENSON LANDING. PROJECT DEPTH: 12 FEET LOW LAKE LEVEL. PROJECT LENGTH: 13.5 MILES; NAVIGATION SEASON: ABOUT 7 MONTHS OF THE YEAR.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971-----	1,268,014	1976-----	1,272,836
1972-----	1,325,025	1977-----	1,840,367
1973-----	1,379,385	1978-----	831,724
1974-----	1,337,763	1979-----	717,244
1975-----	1,097,114	1980-----	618,702

NOTE: ABOVE TOTALS INCLUDE THROUGH TRAFFIC.

## NEW YORK, N. Y., DISTRICT

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NARROWS OF LAKE CHAMPLAIN, N. Y. AND VT.--CONTINUED

FREIGHT TRAFFIC, 1980

DOMESTIC

(SHORT TONS)

COMMODITY	INTERNAL THROUGH UPBOND
TOTAL	618,702
2911 GASOLINE	167,933
2912 JET FUEL	89,660
2913 KEROSENE	26,835
2914 DISTILLATE FUEL OIL	237,757
2915 RESIDUAL FUEL OIL	96,517
TOTAL TON-MILES, 11,136,436.	

HENRYSIDE HARBOR, N. Y.

SECTION INCLUDED: FROM LONG ISLAND SOUND TO ROSLYN TOWN WHARF, CONTROLLING DEPTH: 6 FEET FROM ENTRANCE OF BAR BEACH TO 2750 FEET ABOVE ENTRANCE, THENCE 6 FEET TO 0.0 FEET TO HEAD OF PROJECT, PROJECT DEPTH: 13 FEET, ALL AT MEAN LOW WATER, PROJECT LENGTH: 2.3 MILES.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	ADDITIONAL THROUGH TRAFFIC (TONS)	YEAR	TONS	ADDITIONAL THROUGH TRAFFIC (TONS)
1971	4,328,167	202,927	1976	1,488,398	246,973
1972	4,135,296	174,322	1977	1,502,662	224,488
1973	3,932,797	192,726	1978	3,735,575	235,077
1974	3,229,877	215,216	1979	2,621,631	219,231
1975	2,298,986	225,980	1980	2,769,267	276,861

FREIGHT TRAFFIC, 1980

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE	
		RECEIPTS	SHIPMENTS
TOTAL	2,769,267	881,861	1,967,406
1442 SAND, GRAVEL, CRUSHED ROCK	2,174,679	267,746	1,906,933
2911 GASOLINE	279,423	279,423	
2913 KEROSENE	4,737	4,264	473
2914 DISTILLATE FUEL OIL	281,068	281,068	
2915 RESIDUAL FUEL OIL	29,368	29,368	
TOTAL TON-MILES, 7,573,293.			

PORT JEFFERSON HARBOR, N. Y.

SECTION INCLUDED: FROM DEEP WATER IN LONG ISLAND SOUND TO PORT JEFFERSON HARBOR, THENCE TO VILLAGE OF PORT JEFFERSON, CONTROLLING DEPTH: 27 FEET, PROJECT DEPTH: 40 FEET IN ENTRANCE CHANNEL, ALL AT MEAN LOW WATER, PROJECT LENGTH: 2.3 MILES.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	ADDITIONAL TRAFFIC AUTOMOBILES ACCOMPANYING PASSENGERS	YEAR	TONS	PASSENGERS	ADDITIONAL TRAFFIC AUTOMOBILES ACCOMPANYING PASSENGERS
1971	4,249,598	93,792	22,613	1976	4,409,221	149,584	45,014
1972	3,488,186	174,018	45,438	1977	4,484,081	94,789	24,434
1973	4,048,510	212,460	58,304	1978	4,407,276	106,330	25,055
1974	4,464,031	189,380	36,478	1979	4,231,407	203,084	50,786
1975	4,346,392	189,698	40,618	1980	3,301,718	31,320	

FREIGHT TRAFFIC, 1980

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN IMPORTS	DOMESTIC		LOCAL
			COASTWISE RECEIPTS	INTERNAL SHIPMENTS	
TOTAL	3,301,718	69,312	3,173,634	56,403	5,953
0912 SHELLFISH, EXCEPT PREPARED	16				16
1311 CRUDE PETROLEUM	37,794			37,794	
1442 SAND, GRAVEL, CRUSHED ROCK	194,643		194,643		
2911 GASOLINE	1,400,994	69,312	1,310,928	18,809	5,953

## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

PORT JEFFERSON HARBOR, N. Y.--CONTINUED

FREIGHT TRAFFIC, 1980--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN	DOMESTIC			LOCAL
		IMPORTS	COASTWISE RECEIPTS	SHIPMENTS	INTERNAL RECEIPTS	
2012 JET FUEL-----	14,232	-----	14,232	-----	-----	-----
2013 KEROSENE-----	13,689	-----	13,689	-----	-----	-----
2014 DISTILLATE FUEL OIL-----	1,270,704	-----	1,270,704	-----	-----	-----
2015 RESIDUAL FUEL OIL-----	360,356	-----	360,356	-----	-----	-----
2016 LUBRICATING OILS AND GREASES-----	7,564	-----	7,564	-----	-----	-----
2091 PETROLEUM AND COAL PROD, NEC-----	1,729	-----	1,729	-----	-----	-----
3721 AIRCRAFT AND PARTS-----	1	-----	1	-----	-----	-----
TOTAL TON-MILES, 6,597,467.						

GLEN COVE CREEK, N. Y.

SECTION INCLUDES A CHANNEL FROM HEMPSTEAD HARBOR TO GLEN COVE AVENUE. CONTROLLING DEPTH: (1979) 8 FEET FROM HEMPSTEAD HARBOR TO 1600 FEET BELOW HEAD OF PROJECT, THENCE 6 FEET TO ABOUT 850 FEET FROM HEAD OF PROJECT. PROJECT DEPTH: 8 FEET; ALL AT MEAN LOW WATER. PROJECT LENGTH: 1 MILE.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971-----	203,890	1976-----	226,400
1972-----	176,322	1977-----	224,408
1973-----	189,342	1978-----	259,077
1974-----	215,216	1979-----	215,231
1975-----	225,580	1980-----	276,861

FREIGHT TRAFFIC, 1980

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE RECEIPTS	INTERNAL OUTBOUND
TOTAL-----	276,861	276,861	6,000
1442 SAND, GRAVEL, CRUSHED ROCK-----	240,306	240,306	-----
2013 KEROSENE-----	148	148	-----
2014 DISTILLATE FUEL OIL-----	30,407	30,407	-----
4029 WASTE AND SCRAP, NEC-----	6,000	-----	6,000
TOTAL TON-MILES, 276,861.			

## NEW YORK, N. Y., DISTRICT

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## OTHER HARBORS AND WATERWAYS

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON-MILES	PASSENGERS
PROJECT				
BROWNS CREEK, N. Y.-----	4112 COMMODITIES, NEC-----	2,200	2,200	526,732
BURLINGTON HARBOR, VT.-----	2911 GASOLINE-----	71,721		
	2912 JET FUEL-----	6,558		
	2913 KEROSENE-----	9,432		
	2914 DISTILLATE FUEL OIL-----	126,736		
	2915 RESIDUAL FUEL OIL-----	3,986		
	TOTAL-----	218,433		
CHEESEDAKE CREEK, N. J. (INCLUDED IN PORT OF NEW YORK)-----	NO COMMERCE REPORTED			
CONEY ISLAND CREEK, N. Y. (INCLUDED IN PORT OF NEW YORK)-----	NO COMMERCE REPORTED			
ECHO BAY HARBOR, N. Y. (INCLUDED IN PORT OF NEW YORK)-----	NO COMMERCE REPORTED			
ELIZABETH RIVER, N. J. (INCLUDED IN PORT OF NEW YORK)-----	NO COMMERCE REPORTED			
FIRE ISLAND INLET, N. Y.-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	31		
	0912 SHELLFISH, EXCEPT PREPARED-----	47		
	2913 KEROSENE-----	1,499		
	2914 DISTILLATE FUEL OIL-----	32,259		
	TOTAL-----	33,836	33,836	329,810
GLEN COVE HARBOR, N. Y.-----	NO COMMERCE REPORTED			
GREAT KILLS HARBOR, STATEN ISLAND, N. Y. (INCLUDED IN PORT OF NEW YORK)-----				60,940
GREAT SOUTH BAY, N. Y. (INCLUDING STATISTICS FOR PATCHOQUE RIVER, N. Y.)-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	35		
	0912 SHELLFISH, EXCEPT PREPARED-----	2,383		
	2913 KEROSENE-----	1,499		
	2914 DISTILLATE FUEL OIL-----	32,259		
	4112 COMMODITIES, NEC-----	17,375		
	TOTAL-----	53,951	669,972	1,087,170
GREENPORT HARBOR, N. Y.-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	2,830		
	0912 SHELLFISH, EXCEPT PREPARED-----	518		
	2911 GASOLINE-----	18,388		
	2913 KEROSENE-----	147		
	2914 DISTILLATE FUEL OIL-----	7,526		
	TOTAL-----	29,409	29,409	310,384
HUNTINGTON HARBOR, N. Y.-----	0912 SHELLFISH, EXCEPT PREPARED-----	259		
	1442 SAND, GRAVEL, CRUSHED ROCK-----	157,892		
	2914 DISTILLATE FUEL OIL-----	1,824		
	TOTAL-----	159,975	319,691	
JONES INLET, N. Y.-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	1,703		
	0912 SHELLFISH, EXCEPT PREPARED-----	899		
	3731 SHIPS AND BOATS-----	50		
	4029 WASTE AND SCRAP, NEC-----	20,500		
	TOTAL-----	22,952	45,904	147,610
KEYPORT HARBOR, N. J. (INCLUDED IN PORT OF NEW YORK)-----				5,300
LAKE MONTAUK HARBOR, N. Y.-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	4,339		
	0912 SHELLFISH, EXCEPT PREPARED-----	185		
	TOTAL-----	4,524	9,048	668,110
LARCHMONT HARBOR, N. Y. (INCLUDED IN PORT OF NEW YORK)-----	NO COMMERCE REPORTED			
LEMON CREEK, STATEN ISLAND, N. Y. (INCLUDED IN PORT OF NEW YORK)-----	NO COMMERCE REPORTED			
LONG ISLAND INTRACOASTAL WATERWAY, N. Y.-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	1,648		
	0912 SHELLFISH, EXCEPT PREPARED-----	629		
	TOTAL-----	2,277	2,407	22,148
MAMARONECK HARBOR, N. Y. (INCLUDED IN PORT OF NEW YORK)-----	NO COMMERCE REPORTED			
MANNASSETT BAY, N. Y. (INCLUDED IN PORT OF NEW YORK)-----	2914 DISTILLATE FUEL OIL-----	202,924		
	2915 RESIDUAL FUEL OIL-----	5,465		
	TOTAL-----	207,989	709,618	
MATTITUCK HARBOR, N. Y.-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	656		
	0912 SHELLFISH, EXCEPT PREPARED-----	12		
	TOTAL-----	668	1,336	9,720
NEW ROCHELLE HARBOR, N. Y. (INCLUDED IN PORT OF NEW YORK)-----				60,390
NORTHPORT HARBOR, N. Y.-----				20
ORONOCO CREEK, N. Y.-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	34		
	0912 SHELLFISH, EXCEPT PREPARED-----	1,200		
	TOTAL-----	1,234	1,234	



## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

## OTHER HARBORS AND WATERWAYS--CONTINUED

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON-MILES	PASSENGERS
PROJECT--CONTINUED				
PATCHOGUE RIVER, N. Y. (INCLUDED IN STATISTICS FOR GREAT SOUTH BAY, N. Y.)	2013 KEROSENE-----	1,499		
	2014 DISTILLATE FUEL OIL-----	32,259		
	4112 COMMODITIES, NEC-----	135		
	TOTAL-----	33,893	33,893	150,226
PECONIC RIVER, N. Y.				2,150
PEEKSKILL HARBOR, N. Y. (INCLUDED IN STATISTICS FOR HUDSON RIVER)	NO COMMERCE REPORTED			
PORT HENRY HARBOR, N. Y.	2011 GASOLINE-----	5,046		
	2013 KEROSENE-----	744		
	2014 DISTILLATE FUEL OIL-----	3,814		
	TOTAL-----	9,604		
RAHWAY RIVER, N. J. (INCLUDED IN PORT OF NEW YORK)	1442 SAND, GRAVEL, CRUSHED ROCK-----	132,978	265,956	
ROUSES POINT, N. Y.	NO COMMERCE REPORTED			
SAG HARBOR, N. Y.	2011 GASOLINE-----	15,638		
	2013 KEROSENE-----	105		
	2014 DISTILLATE FUEL OIL-----	6,794		
	TOTAL-----	22,537	22,537	
SANDY HOOK BAY AT LEONARDO, N. J. (INCLUDED IN PORT OF NEW YORK)	2014 DISTILLATE FUEL OIL-----	211	211	
SANDY HOOK BAY, N. J.				222,560
SAUGERTIES HARBOR, N. Y. (INCLUDED IN STATISTICS FOR HUDSON RIVER)	NO COMMERCE REPORTED			
SHARK RIVER, N. J.				645,790
SHEEPSHEAD BAY, N. Y.	2014 DISTILLATE FUEL OIL-----	1,845		
	4029 WASTE AND SCRAP, NEC-----	66,745		
	TOTAL-----	68,590	68,590	425,972
SHINNECOCK INLET, N. Y.				5,150
SHOAL HARBOR AND COMPTON CREEK, N. J. (INCLUDED IN PORT OF NEW YORK)	2042 PREPARED ANIMAL FEEDS-----	3,145		
	2092 ANIMAL OILS AND FATS, NEC-----	8,902		
	4029 WASTE AND SCRAP, NEC-----	17,761		
	TOTAL-----	29,808	59,616	
SHREWSBURY RIVER, N. J.				122,700
HALLABOUT CHANNEL, N. Y. (INCLUDED IN PORT OF NEW YORK)	NO COMMERCE REPORTED			
HAYCAKE CREEK, N. J. (INCLUDED IN PORT OF NEW YORK)	NO COMMERCE REPORTED			
NONPROJECT				
GOWANUS CANAL, N. Y. (INCLUDED IN PORT OF NEW YORK)	1442 SAND, GRAVEL, CRUSHED ROCK-----	299,378		
	2013 KEROSENE-----	142		
	2014 DISTILLATE FUEL OIL-----	312,556		
	2015 RESIDUAL FUEL OIL-----	7,731		
	TOTAL-----	619,807	617,415	
GRAVESEND BAY, N. Y. (INCLUDED IN PORT OF NEW YORK)	1311 CRUDE PETROLEUM-----	296,890		
	2011 GASOLINE-----	27,647		
	2012 JET FUEL-----	3,571		
	2014 DISTILLATE FUEL OIL-----	54,162		
	2015 RESIDUAL FUEL OIL-----	1,254,108		
	2016 LUBRICATING OILS AND GREASES-----	456		
	2091 PETROLEUM AND COAL PROD., NEC-----	173,603		
	3411 FABRICATED METAL PRODUCTS-----	5		
	3411 MACHINERY, EXCEPT ELECTRICAL-----	76		
	3411 ELECTRICAL MACH. AND EQUIP-----	76		
	3711 MOTOR VEHICLES, PARTS, EQUIP-----	5		
	4029 WASTE AND SCRAP, NEC-----	153,959		
	4111 WATER-----	3,850		
	4112 COMMODITIES, NEC-----	139		
	TOTAL-----	1,968,548	1,968,548	
LONG ISLAND SOUND, N. Y. (INCLUDED IN PORT OF NEW YORK)	2011 GASOLINE-----	1,109	3,324	300,870
OYSTER BAY, N. Y.	1442 SAND, GRAVEL, CRUSHED ROCK-----	288,175		
	2421 LUMBER-----	450		
	2011 GASOLINE-----	87,803		
	2014 DISTILLATE FUEL OIL-----	297,037		
	2015 RESIDUAL FUEL OIL-----	672		
	TOTAL-----	674,137	1,225,965	
SANDY HOOK BAY, N. J. (INCLUDED IN PORT OF NEW YORK)	0121 TOBACCO, LEAF-----	21		
	0133 COFFEE-----	5		
	0161 ANIMALS AND PRODUCTS, NEC-----	1		

## NEW YORK, N. Y., DISTRICT

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## OTHER HARBORS AND WATERWAYS--CONTINUED

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON- MILES	PASSENGERS
NONPROJECT--CONTINUED				
SANDY HOOK BAY, N. J. (INCLUDED IN PORT OF NEW YORK) (CONTINUED)	1911 ORDNANCE AND ACCESSORIES-----	3		
	2014 TALLOW, ANIMAL FATS AND DIS-----	275		
	2042 PREPARED ANIMAL FEEDS-----	83		
	2081 ALCOHOLIC BEVERAGES-----	32		
	2099 MISCELLANEOUS FOOD PRODUCTS-----	1		
	2211 BASIC TEXTILE PRODUCTS-----	17		
	2411 FURNITURE AND FIXTURES-----	12		
	2711 PRINTED MATTER-----	9		
	2819 BASIC CHEMICALS AND PROD, NEC-----	5		
	2821 PLASTIC MATERIALS-----	12		
	2831 DRUGS-----	24		
	2841 SOAP-----	11		
	2851 PAINTS-----	4		
	2873 PHOSPHATIC CHEM FERTILIZERS-----	2		
	2876 INSECTICIDES, DISINFECTANTS-----	6		
	2891 MISCELLANEOUS CHEMICAL PROD-----	433		
	2913 KEROSENE-----	353		
	2914 DISTILLATE FUEL OIL-----	13,679		
	2916 LUBRICATING OILS AND GREASES-----	17		
	2991 PETROLEUM AND COAL PROD, NEC-----	3		
	3011 RUBBER AND MISC PLASTIC PROD-----	21		
	3111 LEATHER AND LEATHER PRODUCTS-----	5		
	3317 IRON AND STEEL PIPE AND TUBE-----	83		
	3411 FABRICATED METAL PRODUCTS-----	48		
	3511 MACHINERY, EXCEPT ELECTRICAL-----	149		
	3611 ELECTRICAL MACH AND EQUIP-----	45		
	3711 MOTOR VEHICLES, PARTS, EQUIP-----	69		
	3721 AIRCRAFT AND PARTS-----	11		
	3731 SHIPS AND BOATS-----	19		
	3811 INSTR, TIME, PHOTO, OPT GOODS-----	3		
	3911 MISC MANUFACTURED PRODUCTS-----	3		
	4022 TEXTILE WASTE, SCRAP, SWEEP-----	133		
	9999 DEPARTMENT OF DEFENSE AND SCI-----	3,562		
	TOTAL-----	19,199	114,541	345,260

## PHILADELPHIA, PA., DISTRICT

DELAWARE RIVER, TRENTON, N. J., TO THE SEA  
(CONSOLIDATED REPORT)

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	ADDITIONAL TRAFFIC			YEAR	TONS	PASSENGERS	ADDITIONAL TRAFFIC		
			RAILROAD FREIGHT		AUTOMOBILES ACCOMPANYING PASSENGERS				RAILROAD FREIGHT		AUTOMOBILES ACCOMPANYING PASSENGERS
			EMPTY CARS	LOADED					EMPTY CARS	LOADED	
1971--	123,543,497	4,276,820	4,743	4,480	1,137,469	1976--	133,696,091	1,146,723	2,672	3,583	171,538
1972--	127,207,707	4,675,514	4,814	4,742	1,291,236	1977--	133,276,227	1,175,525	1,529	2,513	181,508
1973--	139,297,118	6,013,115	5,532	5,685	1,798,940	1978--	132,438,907	1,282,849	1,616	1,693	214,988
1974--	147,673,521	1,613,120	5,053	4,928	224,705	1979--	140,463,480	1,443,570	783	938	203,936
1975--	131,819,164	1,578,524	4,063	3,987	163,003	1980--	119,349,114	1,426,211	393	418	236,261

## FREIGHT TRAFFIC, 1980

## OCEANBOINGS

## (SHORT TONS)

COMMODITY	TOTAL	FOREIGN				DOMESTIC			
		IMPORTS	EXPORTS	THROUGH		RECEIPTS	SHIPMENTS	THROUGH	
				UPBOUND	DOWNBOUND			UPBOUND	DOWNBOUND
TOTAL	93,905,700	56,039,246	6,684,874	1,946,042	2,952,737	10,848,174	9,094,549	2,807,150	3,532,928
0101 COTTON, RAW	363		363						
0103 CORN	2,643,100		1,274,741		1,368,359				
0104 OATS	7				7				
0105 RICE	1,910		1,910						
0107 WHEAT	288,578		254,037		34,541				
0111 STEEL, SHEET	578,691		124,601		454,090				
0119 TOBACCO, LEAF	218		41						
0121 TOBACCO, LEAF	18,555	18,435	94						
0129 FIELD CROPS, NEC	25,132	25,056	71		5				
0131 FRESH FRUITS AND TREE NUTS	147,542	10,668	208	128,144		221		301	
0133 COFFEE	987	974	13						
0134 COCOA BEANS	48,350	40,821	323	5,602		1,604			
0141 FRESH AND FROZEN VEGETABLES	2,236	1,290	771	175					
0151 LIVE ANIMALS	48					48			
0161 ANIMALS AND PRODUCTS, NEC	6,062	2,502	3,278	254	2	24		2	
0191 MISCELLANEOUS FARM PRODUCTS	91	47		4					
0841 CRUDE RUBBER AND ALLIED GUMS	1,931	1,683	112	176					
0861 FOREST PRODUCTS, NEC	3,103	2,395	570	67	71				
0911 FRESH FISH, EXCEPT SHELLFISH	13,596	12,107	443	1,025	21				
0912 SHELLFISH, EXCEPT PREPARED	1,373	1,237	51	12	16			57	
1011 IRON ORE AND CONCENTRATES	6,715,333	6,714,993	321		19				
1021 COPPER ORE AND CONCENTRATES	40	40							
1051 ALUMINUM ORE AND CONCENTRATES	39,668	32,704	28	6,841					
1061 MANGANESE ORE AND CONCENTRATES	40,059	40,059							
1091 NONFERROUS ORES, CONCENT, NEC	54,105	26,594	15,718	8,710	3,083				
1121 COAL AND LIGNITE	3,097,166		2,874,880		91,137	62,526		1	68,622
1311 CRUDE PETROLEUM	46,124,635	42,859,375		289,178		2,466,649	242,674	264,799	
1411 LIMESTONE	934,308	626,474	15,966	267,508	24,360				
1412 BUILDING STONE, UNWORKED	1,910		1,910						
1442 SAND, GRAVEL, CRUSHED ROCK	6,680	31	6,592		57				
1451 CLAY	59,065	36,100	22,128		703			134	
1471 PHOSPHATE ROCK	4,391		136	4,148	107				
1491 SALT	47,327		53	47,274					
1492 SULPHUR, DRY	879		879						
1493 SULPHUR, LIQUID	6,868					6,868			
1499 NONMETALLIC MINERALS, NEC	32,663	31,888	639	99	37				
1911 ORDNANCE AND ACCESSORIES	81	17	64						
2011 MEAT, FRESH, CHILLED, FROZEN	280,181	236,365	2,246	12,533	7,863	1,112		62	
2012 MEAT AND PRODUCTS, NEC	21,381	20,725		434	5	217			
2014 FATTY, ANIMAL, FATS AND OILS	17,684		15,718		1,968				
2015 ANIMAL BY-PRODUCTS, NEC	346	157	183						
2021 DAIRY PRODUCTS, NEC	22,090	20,940	20			1,090			
2022 DRIED MILK AND CREAM	2,122	84	1,784		254				
2031 FISH AND SHELLFISH, PREPARED	5,533	3,795	32			68		1,638	
2034 VEGETABLES AND PREP, NEC	7,676	6,506	748		24	833		365	
2039 PREP FRUIT AND VEG JUICE, NEC	101,438	92,264	972	5,427	17	1,562		1,196	
2042 PREPARED ANIMAL FEEDS	3,052	1,097	1,541	311	111				
2049 GRAIN MILL PRODUCTS, NEC	4,353	747	3,495					111	
2061 SUGAR	876,520	697,138	11,415			167,967			
2062 MOLASSES	3,396		8					3,388	
2081 ALCOHOLIC BEVERAGES	51,906	28,678	896	78	6,824			16,140	90
2091 VEGETABLE OILS, MARG, SHORT	14,348	2,154	197		44	1,517	1,492	7,734	1,250
2092 ANIMAL OILS AND FATS, NEC	673	643	30						
2099 MISCELLANEOUS FOOD PRODUCTS	111,225	98,892	8,047	2,602	405	814		460	
2111 TOBACCO MANUFACTURES	852	52	689		3	1		187	
2211 BASIC TEXTILE PRODUCTS	30,336	11,541	14,976	2,662	128	791		236	
2212 TEXTILE FIBERS, NEC	1,735	1,025	22	326	15	285		60	
2311 APPAREL	4,664	3,844	507	4	1				
2411 LUGGAGE	1,405	447	558	286	114				
2413 FUEL WOOD, CHARCOAL, WASTES	199	199							
2416 WOOD CHIPS, STAVES, HOLDINGS	1,847	1,625	222						
2421 LUMBER	259,616	154,144	1,906	83,748	19,818				
2431 VINYL, POLYMER, WORKED WOOD	99,414	98,770	535	63				46	
2491 WOOD MANUFACT RES, NEC	5,647	2,403	3,045		69	94		36	
2511 FURNITURE AND FIXTURES	3,481	2,384	909	6	35	62		85	
2611 PULP	245	12	233						
2631 PAPER AND PAPERBOARD	108,395	73,291	30,687		4,148	14		34	301
2691 PULP AND PAPER PRODUCTS, NEC	4,680	440	4,169		6			5	
2711 PRINTING MATTER	3,063	1,088	1,983	2	10				
2811 STYRENE MONOMER	174,688					141,410		33,288	
2811 CRACKER TAR, OIL, GAS PRODUCTS	33,076		57			14,997	16,191	1,665	

PHILADELPHIA, PA., DISTRICT

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DELAWARE RIVER, TRENTON, N. J. TO THE SEA  
(CONSOLIDATED REPORT)--CONTINUED

FREIGHT TRAFFIC, 1968--CONTINUED

OCEANGOING--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN				DOMESTIC COASTWISE			
		IMPORTS	EXPORTS	THROUGH		RECEIPTS	SHIPMENTS	THROUGH	
				UPBOUND	DOWNBOUND			UPBOUND	DOWNBOUND
2812 DYES, PIGMENT, TANNING MATS----	634		624		10				
2813 ALCOHOLS-----	49,448		228		4	41,386	3,435	4,395	
2816 RADIOACTIVE MATERIALS, WASTES----	4	4	2						
2817 BENZENE AND TOLUENE-----	72,895					58,768	3,022	7,300	3,895
2818 SULPHURIC ACID-----	69,020					36,300	13,610	14,910	5,100
2819 BASIC CHEMICALS AND PROD, NEC----	805,268	166,528	139,773	20,034	6,393	334,976	108,014	21,809	7,751
2821 PLASTIC MATERIALS-----	92,586	2,209	46,784		3,670			3	
2822 SYNTHETIC RUBBER-----	4,755		4,679		76				
2823 SYNTHETIC (MAN-MADE) FIBERS-----	8,099	6,418	1,401	3	277				
2831 DRUGS-----	1,960	244	1,545		32			75	64
2841 SOAP-----	9,960	477	7,626	1	512	20			1,324
2851 PAINTS-----	9,949	6,657	3,085	108	99				
2861 GUM AND WOOD CHEMICALS-----	24,650	65	244		14	24,307			
2871 NITROGENOUS CHEM FERTILIZERS-----	96,857	1,381		38,079		17,397			
2873 PHOSPHATIC CHEM FERTILIZERS-----	93		92		41				
2876 INSECTICIDES, DISINFECTANTS-----	5,980	824	4,484		672				
2879 FERTILIZER AND MATERIALS, NEC-----	878	58	820						
2891 MISCELLANEOUS CHEMICAL PROD-----	37,910	6,335	28,822		481	108		164	
2911 GASOLINE-----	6,969,605	166,505	2,777	30,014	45	882,810	3,689,558	279,915	1,578,844
2912 JET FUEL-----	285,145					158,870		68,416	57,863
2913 KEROSENE-----	160,895		131			84,186	9,084		67,274
2914 DISTILLATE FUEL OIL-----	4,344,901	12,920		5,946		1,459,821	1,975,374	147,452	923,322
2915 RESIDUAL FUEL OIL-----	11,010,467	2,119,920		680,950		4,448,927	2,295,950	1,044,570	400,550
2916 LUBRICATING OILS AND GREASES-----	1,219,830	170,536	168,732		184	362,826	337,811	172,983	7,564
2917 NAPHTHA, PETROLEUM SOLVENTS-----	491,886					288,495	101,894	101,495	
2918 ASPHALT, TAR, AND PITCHES-----	770,148	162,795	781		7		16,123	269,644	380,798
2920 COKE, PETROLEUM COKE-----	1,179,789	68,740	494,815		652,234				
2921 LIQUEFIED GASES-----	183,441	64,465	105	118,685	184				
2931 ASPHALT BUILDING MATERIALS-----	730		720		7	3		6	
2991 PETROLEUM AND COAL PROD, NEC-----	106,945	872	3,581	105	149	22,101	56,605	23,532	
3011 RUBBER AND MISC PLASTIC PROD-----	20,756	6,242	10,289		1,562	53		2,610	20
3111 LEATHER AND LEATHER PRODUCTS-----	2,153	1,792	277	30	2			52	
3211 GLASS AND GLASS PRODUCTS-----	47,814	5,075	35,694		6,696	77		138	134
3241 BUILDING CEMENT-----	246,137	20	1,246		36			244,835	
3251 STRUCTURAL CLAY PRODUCTS-----	12,181	2,984	8,957		2,240				
3271 LIME-----	156		1		151				
3281 CUT STONE AND STONE PRODUCTS-----	867	862			1				
3291 MISC NONMETALLIC MINERAL PROD-----	11,833	4,804	5,242		1,341	49		101	
3314 IRON AND STEEL PRIMARY FORMS-----	7,703	770	6,933	20					
3315 IRON, STEEL SHAPES, EXC SHEET-----	640,482	499,840	37,291	97,610	5,592	147		42	
3316 IRON AND STEEL PLATES, SHEETS-----	107,899	5,805	98,667		3,427				
3317 IRON AND STEEL PIPE AND TUBE-----	116,351	111,033	3,356	1,133	231	59		343	
3318 FERROALLOYS-----	79,886	70,953	869		64				
3319 IRON AND STEEL PRODUCTS, NEC-----	42,201	17,729	22,696	27	629	111		1,009	
3321 NONFERROUS METALS, NEC-----	15,016	12,759	995	1,208	16			46	
3322 COPPER ALLOYS, UNWORKED-----	10,768	8,895	1,336	22	442	19		54	
3323 LEAD AND ZINC, UNWORKED-----	23,097	13,569	5,108		4,420				
3324 ALUMINUM AND ALLOYS, UNWORKED-----	20,885	3,964	13,359		3,562				
3411 FABRICATED METAL PRODUCTS-----	66,773	49,261	15,358	351	1,057	564		2	180
3511 MACHINERY, EXCEPT ELECTRICAL-----	113,264	55,964	38,389	9,178	3,093	2,848	100	3,658	34
3611 ELECTRICAL MACH AND EQUIP-----	30,962	15,020	13,906		776	600		660	
3711 MOTOR VEHICLES, PARTS, EQUIP-----	388,887	22,827	187,357	74,894	102,742	6,766		14,822	239
3721 AIRCRAFT AND PARTS-----	73	19	53		1				
3731 SHIPS AND BOATS-----	1,030	385	85		111		315	164	
3791 MISC TRANSPORTATION EQUIPMENT-----	26,678	23,563	1,411	18	1,441	37		108	
3811 INSTR, TIME, PHOTO, OPT GOODS-----	2,791	1,186	1,399	34	167				
3812 MISC MANUFACTURED PRODUCTS-----	10,825	8,894	1,093	12	10	18		44	
4011 IRON AND STEEL SCRAP-----	711,168	2,193	573,431		135,544				
4012 NONFERROUS METAL SCRAP-----	85,303	64,459	16,725	56	258	2		3,883	
4022 TEXTILE WASTE, SCRAP, SWEEP-----	13,899	2,190	11,687		22				
4024 PAPER WASTE AND SCRAP-----	11,228		11,284					4	
4112 COMMODITIES, NEC-----	142,010	3,669	462	255	77	40,306	1,873	67,566	27,802
4119 EMPTY CONTAINERS-----	144						144		
9999 DEPARTMENT OF DEFENSE AND SCI-----	1,121		880		253				
TON-MILES, OCEANGOING, 8,377,363,360.									

INTERNAL

(SHORT TONS)

COMMODITY	TOTAL	INBOUND		OUTBOUND		UPBOUND	DOWNBOUND	THROUGH	
		UPBOUND	DOWNBOUND	UPBOUND	DOWNBOUND			UPBOUND	DOWNBOUND
TOTAL-----	25,403,414	2,229,922	1,270,888	3,001,937	3,341,084	11,392,314	2,567,593	545,411	1,054,705
0911 FRESH FISH, EXCEPT SHELLFISH-----	99	-----	-----	2	95	-----	-----	2	-----
0912 SHELLFISH, EXCEPT PREPARED-----	8,186	-----	243	7,943	-----	-----	-----	-----	-----
1011 IRON ORE AND CONCENTRATES-----	26,808	26,808	-----	-----	-----	-----	-----	-----	-----
1091 NONFERROUS ORES, CONCENT, NEC-----	10,636	-----	-----	-----	-----	-----	-----	2,485	8,151
1121 COAL AND LIGNITE-----	964,493	949,655	-----	-----	-----	14,838	-----	-----	-----
1311 CRUDE PETROLEUM-----	8,093,638	-----	-----	615,001	-----	7,417,682	18,955	-----	-----
2099 MISCELLANEOUS FOOD PRODUCTS-----	136	136	-----	-----	-----	-----	-----	-----	-----
2211 BASIC TEXTILE PRODUCTS-----	121	121	-----	-----	-----	-----	-----	-----	-----
2611 PULP-----	109,148	109,142	-----	-----	-----	-----	-----	-----	-----
2631 PAPER AND PAPERBOARD-----	3,406	-----	-----	-----	-----	-----	-----	3,406	-----
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	689	-----	-----	-----	689	-----	-----	-----	-----
2813 ALCOHOLS-----	2,054	-----	-----	-----	-----	-----	2,054	-----	-----
2817 BENZENE AND TOLUENE-----	125,961	14,120	1,885	11,040	25,792	14,963	36,493	-----	1,378

## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

DELAWARE RIVER, TRENTON, N. J. TO THE SEA  
(CONSOLIDATED REPORT)--CONTINUED

FREIGHT TRAFFIC, 1980--CONTINUED

INTERNAL-CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	INBOUND		OUTBOUND		THROUGH	
		UPBOUND	DOWNBOUND	UPBOUND	DOWNBOUND	UPBOUND	DOWNBOUND
2810 SULPHURIC ACID-----	376,167	8,790	-----	127,779	189,772	26,493	3,973
2819 BASIC CHEMICALS AND PROD. NEC-----	415,021	67,671	-----	-----	263,833	72,397	11,128
2822 SYNTHETIC RUBBER-----	218	218	-----	-----	-----	-----	-----
2871 NITROGENOUS CHEM FERTILIZERS-----	38,740	4,751	22,537	-----	-----	-----	11,461
2911 GASOLINE-----	1,749,185	64,188	33,865	517,099	339,739	457,821	78,950
2912 JET FUEL-----	493,502	16,804	-----	-----	328,023	186,186	-----
2913 KEROSENE-----	104,031	-----	360	-----	9,651	5,978	65,535
2914 DISTILLATE FUEL OIL-----	3,971,189	317,646	583,015	562,876	998,733	794,768	381,545
2915 RESIDUAL FUEL OIL-----	6,009,519	561,939	670,962	1,131,567	982,986	2,349,681	1,835,582
2916 LUBRICATING OILS AND GREASES-----	121,362	-----	7,760	-----	46,512	66,664	12,762
2917 NAPHTHA, PETROLEUM SOLVENTS-----	209,329	7,087	7,981	-----	13,959	54,311	109,446
2918 ASPHALT, TAR AND BITUMENS-----	349,042	-----	-----	-----	-----	-----	-----
2920 COKE, PETROLEUM COKE-----	22,378	-----	-----	22,378	-----	-----	-----
2921 PETROLEUM AND COAL PROD. NEC-----	22,406	1,000	-----	-----	-----	14,203	9,662
3315 IRON, STEEL SHAPES, EXC SHEET-----	13,687	-----	-----	1,018	-----	-----	12,581
3316 IRON AND STEEL PLATES, SHEETS-----	408	-----	-----	-----	-----	-----	-----
3411 FABRICATED METAL PRODUCTS-----	438	-----	-----	110	201	79	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	3,797	423	-----	-----	3,322	2	-----
3611 ELECTRICAL MACH AND EQUIP-----	724	-----	-----	-----	574	-----	150
3721 AIRCRAFT AND PARTS-----	53	-----	-----	-----	53	-----	-----
4029 WASTE AND SCRAP, NEC-----	99,642	-----	-----	-----	99,642	-----	-----
4111 WATER-----	10,830	-----	-----	-----	-----	10,830	-----
4112 COMMODITIES, NEC-----	149,528	79,467	600	-----	68,121	346	994
TOTAL-----	930,403,169.	-----	-----	-----	-----	-----	-----

TON-MILES, INTERNAL, 930,403,169.

TENS. ALL TRAFFIC. 119.309.114

TONS, ALL TRAFFIC,	119,309,114.
TON-MILES, ALL TRAFFIC,	9,307,766,529.

DELAWARE RIVER BETWEEN PHILADELPHIA, PA., AND TRENTON, N. J.

SECTION INCLUDED: ALLEGHENY AVE., PHILADELPHIA, PA., TO TRENTON, N. J. 30.5 MILES AND AN AUXILIARY CHANNEL EAST OF BURLINGTON ISLAND EXTENDING FROM THE MAIN CHANNEL TO THE UPPER END OF UNITED STATES PIPE & FOUNDRY CO. AT EAST BURLINGTON, 1.4 MILES. CONTROLLING DEPTH IN MIDDLE HALF OF CHANNEL TO U.S. STEEL CO. IN DECEMBER 1980, 36.5 FEET, 23.5 MILES) TO THE UPPER END OF NEWBOLD ISLAND IN DECEMBER 1980, 17.5 FEET, 7.5 MILES) IN MAY 1980, 13.5 FEET TO TRENTON MARINE TERMINAL, 5.2 MILES) AND IN MAY 1980, 10.7 FEET TO THE PENNSYLVANIA RAILROAD BRIDGE AT TRENTON, 1.3 MILES. AUXILIARY CHANNEL EAST OF BURLINGTON ISLAND IN APRIL 1976, 0.5 FEET, PROJECT DEPTH: 40 FEET AT MEAN LOW WATER TO THE UPPER END OF NEWBOLD ISLAND; THENCE AN AUTHORIZED BUT DEFERRED 35 FEET TO THE TRENTON MARINE TERMINAL; AND 12 FEET DEEP TO THE PENNSYLVANIA BRIDGE AT TRENTON. AUXILIARY CHANNEL, 20 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR		TONS	PASSENGERS	YEAR		TONS	PASSENGERS
1971	-----	22,085,435	11	1976	-----	15,626,657	1
1972	-----	22,326,070	951	1977	-----	13,564,671	1
1973	-----	21,478,533	11	1978	-----	12,150,803	4
1974	-----	22,260,913	15	1979	-----	12,388,191	-----
1975	-----	18,220,023	5	1980	-----	10,364,210	-----

**FREIGHT TRAFFIC, 1980**

• (SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	INTERNAL		UPBOUND
						INBOUND	OUTBOUND	
TOTAL-----	10,364,210	3,813,022	371,924	1,719,397	72,934	2,667,564	1,398,732	324,637
0193 CORN-----	21,972	---	21,972	---	---	---	---	---
0121 TOBACCO, LEAF-----	7,122	7,122	14	24	---	---	---	---
0129 FIELD CROPS, NEC-----	37	10	27	---	---	---	---	---
0131 FRESH FRUITS AND TREE NUTS-----	8,018	7,784	13	221	---	---	---	---
0133 COFFEE-----	104	104	---	---	---	---	---	---
0134 COCOA BEANS-----	14,382	12,080	178	1,604	---	---	---	---
0141 FRESH AND FROZEN VEGETABLES-----	1,177	827	350	---	---	---	---	---
0191 LIVE ANIMALS-----	48	---	---	48	---	---	---	---
0101 ANIMALS AND PRODUCTS, NEC-----	2,124	987	1,113	24	---	---	---	---
0191 MISCELLANEOUS FARM PRODUCTS-----	33	33	---	---	---	---	---	---
0841 CRUDE RUBBER AND ALLIED GUMS-----	107	94	11	---	---	---	---	---
0861 FOREST PRODUCTS, NEC-----	1,288	835	493	---	---	---	---	---
0911 FRESH FISH, EXCEPT SHELLFISH-----	1,444	1,213	233	---	---	---	---	---
0912 SHELLFISH, EXCEPT PREPARED-----	317	317	---	---	---	---	---	---
1011 IRON ORE AND CONCENTRATES-----	2,746,053	2,719,011	234	---	---	26,008	---	---
1091 ALUMINUM ORES, CONCENTRATES-----	136	135	1	---	---	---	---	---
1091 NONFERROUS ORES, CONCENT, NEC-----	15,808	15,604	204	---	---	---	---	---
1121 COAL AND LIGNITE-----	962,497	---	441	---	---	962,054	---	---
1311 CRUDE PETROLEUM-----	186,976	89,936	---	---	---	18,481	13,559	---
1411 LUMBER-----	362,029	361,044	145	---	---	---	---	---
1442 SAND, GRAVEL, CRUSHED ROCK-----	1,946	31	1,915	---	---	---	---	---
1511 CLAY-----	2,489	2,282	203	---	---	---	---	---
1471 PHOSPHATE ROCK-----	43	---	43	---	---	---	---	---
1491 SALT-----	6	---	6	---	---	---	---	---
1492 SULPHUR, DRY-----	94	---	94	---	---	---	---	---
1499 NONMETALLIC MINERALS, NEC-----	413	15	399	---	---	---	---	---
1911 ORDNANCE AND ACCESSORIES-----	66	9	97	---	---	---	---	---
2011 MEAT, FRESH, CHILLED, FROZEN-----	1,837	204	521	1,112	---	---	---	---

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FREIGHT TRAFFIC, 1988--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		BOATWISE		DOMESTIC		
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	INBOUND	INTERNAL OUTBOUND	UPBOUND
2012 MEAT AND PRODUCTS, NEC-----	9,794	9,381	193	217				
2014 TALLOW, ANIMAL FATS AND OILS-----	11,947		11,947					
2015 ANIMAL BY-PRODUCTS, NEC-----	126	83	43					
2021 DAIRY PRODUCTS, NEC-----	1,863	772	1	1,090				
2022 DRIED MILK AND CREAM-----	496		496					
2031 FISH AND SHELLFISH, PREPARED-----	2,607	2,538	1	68				
2034 VEGETABLES AND PREP, NEC-----	1,997	1,469	255	233				
2039 PREP FRUIT AND VEG JUICE, NEC-----	47,577	45,835	180	1,562				
2042 PREPARED ANIMAL FEEDS-----	1,641	909	732					
2049 GRAIN MILL PRODUCTS, NEC-----	1,379	189	1,190					
2081 SUGAR-----	12,619	20		12,899				
2091 ALCOHOLIC BEVERAGES-----	20,771	14,448	3,707	6,024				
2091 VEGEABLE OILS, MARG, SHORT-----	1,345	1,257	70	18				
2099 MISCELLANEOUS FOOD PRODUCTS-----	63,432	61,631	987	819				
2111 TOBACCO MANUFACTURES-----	90	51	38					
2211 BASIC TEXTILE PRODUCTS-----	6,604	3,796	2,017	791				
2212 TEXTILE FIBERS, NEC-----	749	442	22	285				
2311 APPAREL-----	3,136	2,991	145					
2411 LOGS-----	213		213					
2416 WOOD CHIPS, STAVES, WOLDINGS-----	222		222					
2421 LUMBER-----	2,514	2,489	25					
2431 VENEER, PLYWOOD, WORKED WOOD-----	2,195	2,193	42					
2491 WOOD MANUFACTURES, NEC-----	1,146	783	269	94				
2511 FURNITURE AND FIXTURES-----	1,546	1,271	213	62				
2611 PULP-----	27		27					
2631 PAPER AND PAPERBOARD-----	9,644	1,430	8,002	14				
2711 PULP AND PAPER PRODUCTS, NEC-----	1,595	265	1,330					
2711 PRINTED MATTER-----	884	448	436					
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	46		46					
2812 DYES, PIGMENT, TANNING MATS-----	102		262					
2813 ALCOHOLS-----	122		102					
2816 RADIOACTIVE MATERIALS, WASTES-----	1		1					
2818 SULPHURIC ACID-----	48,173					22,700	25,473	
2819 BASIC CHEMICALS AND PROD, NEC-----	611,744	8,815	37,806	132,817	51,539	66,144	252,173	62,474
2821 PLASTIC MATERIALS-----	19,719	1,151	18,564					
2822 SYNTHETIC RUBBER-----	1,254		1,250					
2823 SYNTHETIC (MAN-MADE) FIBERS-----	748	241	487					
2831 DRUGS-----	64		64					
2841 SOAP-----	3,330	185	3,125	20				
2851 PAINTS-----	3,245	2,244	1,001					
2861 GUM AND WOOD CHEMICALS-----	101	65	36					
2871 NITROGENOUS CHEM FERTILIZERS-----	17,648	251		17,397				
2873 PHOSPHATIC CHEM FERTILIZERS-----	52		52					
2876 INSECTICIDES, DISINFECTANTS-----	2,733	737	1,996					
2879 FERTILIZER AND MATERIALS, NEC-----	574	58	516					
2891 MISCELLANEOUS CHEMICAL PROD-----	6,662	267	6,287	108				
2911 GASOLINE-----	495,300		676	224,723	8,848		38,288	
2912 JET FUEL-----	122,992					122,992		
2913 KEROSENE-----	190,223			86,186		4,011	41,190	826
2914 DISTILLATE FUEL OIL-----	1,233,692		14	548,765	3,809	423,658	226,881	31,895
2915 RESIDUAL FUEL OIL-----	2,427,925	233,603		599,870	8,489	758,331	597,710	229,442
2916 LUBRICATING OILS AND GREASES-----	33,660	35	7,515	8,205		8,818	9,087	
2917 NAPHTHA, PETROLEUM SOLVENTS-----	48,998	19		22,488			20,469	
2918 ASPHALT, TAR, AND PITCHES-----	139		139					
2920 COKE, PETROLEUM COKE-----	63,158	41,686	30				21,242	
2921 LIQUEFIED GASES-----	77		77					
2991 ASPHALT BUILDING MATERIALS-----	137		134	3				
2991 PETROLEUM AND COAL PROD, NEC-----	1,788		1,746	42				
3011 RUBBER AND MISC PLASTIC PROD-----	6,111	2,793	3,305	53				
3111 LEATHER AND LEATHER PRODUCTS-----	1,050	957	93					
3211 GLASS AND GLASS PRODUCTS-----	10,900	572	10,291	77				
3261 BUILDING CEMENT-----	769	20	749					
3291 STRUCTURAL CLAY PRODUCTS-----	3,794	500	3,194					
3271 LIME-----	1		1					
3281 CUT STONE AND STONE PRODUCTS-----	196		196					
3291 MISC NONMETALLIC MINERAL PROD-----	4,199	3,235	1,419	48				
3314 IRON AND STEEL PRIMARY FORMS-----	214	184	30					
3315 IRON, STEEL SHAPES, EXC SHEET-----	42,924	16,830	24,921	147			1,018	
3316 IRON AND STEEL PLATES, SHEETS-----	79,783	472	79,311					
3317 IRON AND STEEL PIPE AND TUBE-----	10,667	6,694	1,899	55				
3318 FERROALLOYS-----	29,455	29,384	71					
3319 IRON AND STEEL PRODUCTS, NEC-----	19,084	969	18,404	111				
3321 NONFERROUS METALS, NEC-----	1,199	414	785					
3322 COPPER ALLOYS, UNWORKED-----	3,780	3,649	142	19				
3323 LEAD AND ZINC, UNWORKED-----	4,812	2,241	2,371					
3324 ALUMINUM AND ALLOYS, UNWORKED-----	13,591	1,331	12,158					
3411 PARTICULATED MEAT PRODUCTS-----	13,262	878	4,288	184				
3411 MACHINERY, EXCEPT ELECTRICAL-----	38,687	24,725	12,874	1,340				
3611 ELECTRICAL MACH AND EQUIP-----	15,314	9,642	5,072	600				
3711 MOTOR VEHICLES, PARTS, EQUIP-----	38,164	11,165	20,233	6,766				
3721 AIRCRAFT AND PARTS-----	14	3	11					
3731 SHIPS AND BOATS-----	38	37	1					
3791 MISC TRANSPORTATION EQUIPMENT-----	1,003	462	524	37				
3811 INSTP, TIME, PHOTO, OPT GOODS-----	1,010	547	458	5				
3911 MISC MANUFACTURED PRODUCTS-----	6,747	6,386	351	10				
4011 IRON AND STEEL SCRAP-----	6,532	2,182	4,330					
4012 NONFERROUS METAL SCRAP-----	8,689	457	8,230	2				
4022 TEXTILE WASTE, SCRAP, SHEEP-----	9,796	1,346	8,450					
4024 RASTE AND SCRAP-----	1,710		7,710					
4029 WASTE AND SCRAP, NEC-----	95,110							
4112 COMMODITIES, NEC-----	114,787	801	147	40,386	1,873	35,688	36,088	
9999 DEPARTMENT OF DEFENSE AND SCI-----	7		7					
TOTAL TON-MILES. 169,767,409.								

## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

DELAWARE RIVER, PHILADELPHIA, PA., TO THE SEA

SECTION INCLUDED: DEEPWATER IN DELAWARE BAY TO ALLEGHENY AVE., PHILADELPHIA, PA., 96.5 MILES. CONTROLLING DEPTH IN MIDDLE HALF OF CHANNEL: IN DECEMBER 1980, 38.7 FEET TO THE PHILADELPHIA NAVAL BASE, 88 MILES; THENCE IN DECEMBER 1980, 35.5 FEET IN MIDDLE HALF OF THE WEST SIDE OF THE CHANNEL AND IN DECEMBER 1980, 23.9 FEET IN MIDDLE HALF OF THE EAST SIDE OF THE CHANNEL THROUGH PHILADELPHIA HARBOR, 8.5 MILES. PROJECT DEPTH: 40 FEET DEEP FROM THE SEA TO PHILADELPHIA NAVAL BASE, THENCE 40 FEET DEEP ON THE WEST SIDE AND 37 FEET DEEP ON THE EAST SIDE OF THE CHANNEL TO ALLEGHENY AVE., ALL AT MEAN LOW WATER.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	THROUGH TRAFFIC (TONS)	ADDITIONAL TRAFFIC		AUTOMOBILES ACCOMPANYING PASSENGERS
				RAILROAD FREIGHT CARS	LOADED	
1971	98,006,684	4,276,820	25,491,599	4,743	4,488	1,137,469
1972	98,894,390	4,675,214	26,424,632	4,814	4,742	1,291,236
1973	109,430,360	6,013,119	28,613,657	5,532	5,689	1,758,948
1974	112,825,301	1,613,120	29,588,798	5,053	4,298	224,705
1975	106,889,657	1,578,524	23,945,330	4,063	3,987	163,803
1976	110,519,261	1,140,723	22,604,050	2,872	3,583	171,538
1977	111,434,533	1,175,918	20,593,313	1,529	2,513	181,508
1978	110,768,375	1,282,049	21,118,441	1,614	1,693	214,988
1979	119,035,156	1,443,570	21,069,044	785	938	283,936
1980	98,205,452	1,426,211	20,792,043	393	418	236,261

## FREIGHT TRAFFIC, 1980

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		LOCAL		
		IMPORTS	EXPORTS	COASTWISE			INTERNAL	
				RECEIPTS	SHIPMENTS		RECEIPTS	SHIPMENTS
TOTAL	98,205,452	52,226,224	6,312,950	9,132,777	9,021,615	2,932,767	7,043,410	11,535,709
0101 COTTON, RAW	363		363					
0103 CORN	1,252,769		1,252,769					
0105 RICE	1,910		1,910					
0107 WHEAT	254,037		254,037					
0111 SOYBEANS	124,601		124,601					
0119 OILSEEDS, NEC	218	41	177					
0121 TOBACCO, LEAF	11,393	11,313	80					
0129 FIELD CROPS, NEC	25,090	25,044	44					
0131 FRESH FRUITS AND TREE NUTS	11,079	10,884	195					
0133 COFFEE	881	868	13					
0134 COCOA BEANS	28,366	28,221	145					
0141 FRESH AND FROZEN VEGETABLES	884	463	421					
0161 ANIMALS AND PRODUCTS, NEC	3,680	1,515	2,165					
0191 MISCELLANEOUS FARM PRODUCTS	14	14						
0841 CRUDE RUBBER AND ALLIED GUMS	1,688	1,587	101					
0861 FOREST PRODUCTS, NEC	1,677	1,560	117					
0911 FRESH FISH, EXCEPT SHELLFISH	11,201	10,694	218				97	
0912 SHELLFISH, EXCEPT PREPARED	9,157	920	51			243	7,943	
1011 IRON ORE AND CONCENTRATES	3,996,066	3,995,982	87					
1021 COPPER ORE AND CONCENTRATES	40	40						
1091 ALUMINUM ORES, CONCENTRATES	32,686	32,699	27					
1061 MANGANESE ORES, CONCENTRATES	40,059	40,059						
1091 NONFERROUS ORES, CONCENT, NEC	26,504	10,990	15,514					
1121 COAL AND LIGNITE	2,954,240		2,874,439		82,526	2,437	14,838	
1311 CRUDE PETROLEUM	53,524,800	42,759,839		2,468,649	242,674	13,559	628,482	7,411,597
1411 LIMESTONE	280,411	284,610	15,801					
1412 BUILDING STONE, UNWORKED	1,910		1,910					
1442 SAND, GRAVEL, CRUSHED ROCK	5,057		5,057					
1451 CLAY	55,743	33,898	21,845					
1471 PHOSPHATE ROCK	73		73					
1491 SALT	47		47					
1492 SULPHUR, DRY	825		825					
1493 SULPHUR, LIQUID	6,868		6,868					
1499 NONMETALLIC MINERALS, NEC	32,114	31,873	241					
1911 ORDNANCE AND ACCESSORIES	15	8	7					
2011 MEAT, FRESH, CHILLED, FROZEN	237,886	236,181	1,725					
2012 MEAT AND PRODUCTS, NEC	11,989	11,344	241					
2014 TALLOW, ANIMAL FATS AND OILS	4,169		4,169					
2015 ANIMAL BY-PRODUCTS, NEC	214	74	140					
2021 DAIRY PRODUCTS, NEC	20,227	20,208	19					
2022 DRIED MILK AND CREAM	1,372	84	1,288					
2031 FISH AND SHELLFISH, PREPARED	1,288	1,297	31					
2034 VEGETABLES AND PREP, NEC	5,330	4,837	493					
2039 PREP FRUIT AND VEG JUICE, NEC	47,221	46,429	792					
2042 PREPARED ANIMAL FEEDS	987	178	809					
2049 GRAIN MILL PRODUCTS, NEC	2,863	598	2,305					
2061 SUGAR	863,901	697,118	11,415	155,368				
2062 MOLASSES								
2081 ALCOHOLIC BEVERAGES	14,827	14,258	569					
2091 VEGETABLE OILS, MARG, SHORT	3,975	897	87	1,499	1,492			
2092 ANIMAL OILS AND FATS, NEC	673	643	30					
2099 MISCELLANEOUS FOOD PRODUCTS	44,497	37,261	7,060			136		
2111 TOBACCO MANUFACTURES	652	1	651					
2111 BASIC TEXTILE PRODUCTS	20,827	7,745	12,961			121		
2112 TEXTILE FIBERS, NEC	583	583						
2111 APPAREL	1,315	993	362					
2411 LOGS	792	447	345					
2413 FUEL WOOD, CHARCOAL, WASTES	199	199						
2416 WOOD CHIPS, STAVES, HOLDINGS	1,625	1,625						
2421 LUMBER	153,536	151,695	1,881					
2431 VENEER, PLYWOOD, WORKED WOOD	97,110	96,617	493					
2491 WOOD MANUFACTURES, NEC	4,396	1,620	2,776					
2511 FURNITURE AND FIXTURES	1,809	1,113	696					
2611 PULP	109,360	12	256			109,148		
2631 PAPER AND PAPERBOARD	94,266	71,661	22,605					

PHILADELPHIA, PA., DISTRICT

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DELAWARE RIVER, PHILADELPHIA, PA., TO THE SEA--CONTINUED

FREIGHT TRAFFIC, 1968--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	INTERNAL		
						RECEIPTS	SHIPMENTS	
2691 PULP AND PAPER PRODUCTS, NEC	3,014	175	2,839					
2711 PRINTED MATTER	2,167	640	1,527					
2810 SODIUM HYDROXIDE	141,410			141,410				
2811 CRUDE TAR, OIL, GAS PRODUCTS	31,648		11	16,997	16,151		689	
2812 DYES, PIGMENT, TANNING MATS	362		362					
2813 ALCOHOLS	47,001		126	41,386	3,435			2,054
2814 RADIOACTIVE MATERIALS, WASTES	5	4	1					
2817 BENZENE AND TOLUENE	165,973			58,768	3,622	15,935	36,832	91,416
2818 SULPHURIC ACID	381,177			36,300	13,610	12,723	314,751	3,793
2819 BASIC CHEMICALS AND PROD, NEC	592,546	197,783	101,967	202,159	56,479	1,527	11,660	21,643
2821 PLASTIC MATERIALS	29,198	1,038	28,160					
2822 SYNTHETIC RUBBER	3,641		3,423			218		
2823 SYNTHETIC (MAN-MADE) FIBERS	7,091	6,177	914					
2831 DRUGS	1,144	228	916					
2841 SOAP	4,793	292	4,501					
2851 PAINTS	6,497	4,413	2,084					
2861 GUM AND WOOD CHEMICALS	24,535		228	24,307				
2871 NITROGENOUS CHEM FERTILIZERS	28,418	1,130				27,288		
2876 INSECTICIDES, DISINFECTANTS	2,575	87	2,488					
2879 FERTILIZER AND MATERIALS, NEC	304		304					
2891 MISCELLANEOUS CHEMICAL PROD	30,603	8,068	22,535					
2911 GASOLINE	5,881,417	166,505	2,101	577,287	3,681,910	99,593	1,043,695	310,766
2912 JET FUEL	593,081				158,870		434,211	
2913 KEROSENE	88,670		121		8,006	68,037	12,861	4,639
2914 DISTILLATE FUEL OIL	6,402,486	12,920		911,036	1,972,267	846,787	1,733,922	725,444
2915 RESIDUAL FUEL OIL	15,150,768	1,885,917		3,848,997	2,287,481	1,655,760	2,698,086	2,774,488
2916 LUBRICATING OILS AND GREASES	1,141,520	170,501	161,217	353,821	337,811	5,696	53,898	58,377
2917 NAPHTHA, PETROLEUM SOLVENTS	560,707			266,008	101,896	35,457	13,490	143,488
2918 ASPHALT, TAR, AND BITUMENS	179,560	162,795	642		16,123			
2920 COKE, PETROLEUM COKE	482,775	26,854	454,765				1,136	
2921 LIQUEFIED GASES	64,493	64,465	28					
2991 ASPHALT BUILDING MATERIALS	586		586					
2991 PETROLEUM AND COAL PROD, NEC	96,574	872	1,835	22,059	56,605	1,000		14,203
3011 RUBBER AND MISC PLASTIC PROD	10,493	3,489	6,964					
3111 LEATHER AND LEATHER PRODUCTS	1,019	835	184					
3211 GLASS AND GLASS PRODUCTS	29,946	4,503	25,443					
3241 BUILDING CEMENT	501		501					
3251 STRUCTURAL CLAY PRODUCTS	6,187	2,424	3,763					
3271 LIME	4	4						
3281 CUT STONE AND STONE PRODUCTS	707	786	1					
3291 MISC NONMETALLIC MINERAL PROD	5,392	1,989	3,803					
3314 IRON AND STEEL PRIMARY FORMS	7,449	986	6,803					
3315 IRON, STEEL SHAPES, EXC SHEET	495,332	483,002	12,330					
3316 IRON AND STEEL PLATES, SHEETS	24,689	5,333	19,356					
3317 IRON AND STEEL PIPE AND TUBE	104,037	102,337	1,700					
3318 FERROALLOYS	50,367	49,569	798					
3319 IRON AND STEEL PRODUCTS, NEC	21,452	17,160	4,292					
3321 NONFERROUS METALS, NEC	12,595	12,349	210					
3322 COPPER ALLOYS, UNWORKED	6,470	5,276	1,194					
3323 LEAD AND ZINC, UNWORKED	13,665	11,328	2,937					
3324 ALUMINUM AND ALLOYS, UNWORKED	3,772	2,571	1,201					
3411 FABRICATED METAL PRODUCTS	92,311	40,383	11,138	400			311	79
3511 MACHINERY, EXCEPT ELECTRICAL	62,551	31,789	25,415	1,500	100	423	3,322	2
3611 ELECTRICAL MACH AND EQUIP	14,936	5,178	8,834				574	150
3711 MOTOR VEHICLES, PARTS, EQUIP	158,786	15,682	147,124					
3721 AIRCRAFT AND PARTS	111	16	42				93	
3731 SHIPS AND BOATS	717	348			319			
3791 MISC TRANSPORTATION EQUIPMENT	24,008	23,121	887					
3811 INSTR, TIME, PHOTO, OPT GOODS	1,580	639	941					
3911 MISC MANUFACTURED PRODUCTS	3,212	2,470	742					
4011 IRON AND STEEL SCRAP	569,082	11	569,081					
4012 NONFERROUS METAL SCRAP	72,497	64,082	8,495					
4022 TEXTILE WASTE, SCRAP, SWEEP	4,081		3,237					
4024 PAPER WASTE AND SCRAP	3,514		3,514					
4111 WATER	10,830							10,830
4112 COMMODITIES, NEC	81,111	2,868	315			44,487	32,121	1,340
4119 EMPTY CONTAINERS	144				144			
9999 DEPARTMENT OF DEFENSE AND SCI	861		861					
TOTAL TON-MILES, 9,137,999,120.								

DELAWARE RIVER AT CAMDEN, N. J.  
(INCLUDED IN DELAWARE RIVER, PHILADELPHIA, PA., TO THE SEA)

SECTION INCLUDED: NEWTON CREEK, N. J., TO COOPER POINT, N. J., 4 MILES; CONTROLLING DEPTH: NOVEMBER 1980, 19.3 FEET FROM NEWTON CREEK TO BERNLEY ST. AND THENCE IN DECEMBER 1980, 11.0 FEET TO COOPER POINT. PROJECT DEPTH: 18 FEET, 30 FEET AND 37 FEET AT MEAN LOW WATER (37 FEET DEFERRED FOR RESTUDY).

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1971	2,415,272	47	1976	2,356,374	896
1972	2,854,097	689	1977	2,938,451	309
1973	2,687,967	384	1978	2,822,379	147
1974	3,086,192	3,130	1979	2,867,060	
1975	2,590,531	172	1980	3,092,485	



## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

 DELAWARE RIVER AT CAMDEN, N. J.  
 (INCLUDED IN DELAWARE RIVER, PHILADELPHIA, PA., TO THE SEA)--CONTINUED

FREIGHT TRAFFIC, 1980

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL-----	3,092,485	869,036	731,817	437,438	121,178	332,941	560,540	39,535
0133 CORN-----	24,266		24,266					
0105 RICE-----	11		11					
0119 OILSEEDS, NEC-----	177		177					
0121 TOBACCO, LEAF-----	426		426					
0129 FIELD CROPS, NEC-----	24,832	24,819	13					
0131 FRESH FRUITS AND TREE NUTS-----	9,748	9,620	128					
0133 COFFEE-----	225		225					
0134 COCOA BEANS-----	2,010	1,981	29					
0161 ANIMALS AND PRODUCTS, NEC-----	311		311					
0841 CRUDE RUBBER AND ALLIED GUMS-----	761		717	44				
0861 FOREST PRODUCTS, NEC-----	10		8	2				
0911 FRESH FISH, EXCEPT SHELLFISH-----	3,073	3,051	22					
1031 ALUMINUM ORES, CONCENTRATES-----	5,397		5,397					
1091 NONFERROUS ORES, CONCENT, NEC-----	15,678		9,184	4,494				
1121 COAL AND LIGNITE-----	98,718		98,718					
1131 CRUDE PETROLEUM-----	48,954	48,954						
1141 LIMESTONE-----	215,405	215,405						
1412 BUILDING STONE, UNWORKED-----	1,200		1,200					
1442 SAND, GRAVEL, CRUSHED ROCK-----	973		973					
1491 SALT-----	6		6					
1499 NONMETALLIC MINERALS, NEC-----	15,685	15,685						
2012 MEAT AND PRODUCTS, NEC-----	20		20					
2014 TALLOW, ANIMAL FATS AND OILS-----	677		677					
2022 DRIED MILK AND CREAM-----	464		464					
2031 FISH AND SHELLFISH, PREPARED-----	56	56						
2034 VEGETABLES AND PREP, NEC-----	820		820					
2039 PREP FRUIT AND VEG JUICE, NEC-----	31,677	31,660	17					
2042 PREPARED ANIMAL FEEDS-----	135		135					
2091 VEGETABLE OILS, MARG, SHORT-----	20		20					
2092 ANIMAL OILS AND FATS, NEC-----	30		30					
2099 MISCELLANEOUS FOOD PRODUCTS-----	1,177	1,148	29					
2211 BASIC TEXTILE PRODUCTS-----	715	393	342					
2421 LUMBER-----	144,077	144,077						
2431 VENEER, PLYWOOD, WORKED WOOD-----	82,100	82,100						
2491 WOOD MANUFACTURES, NEC-----	574	565	9					
2511 FURNITURE AND FIXTURES-----	343	338	5					
2611 PULP-----	2		2					
2631 PAPER AND PAPERBOARD-----	2,133	92	2,081					
2691 PULP AND PAPER PRODUCTS, NEC-----	190	3	185					
2711 PRINTED MATTER-----	14		14					
2819 BASIC CHEMICALS AND PROD, NEC-----	13,311		13,311					
2821 PLASTIC MATERIALS-----	614		614					
2822 SYNTHETIC RUBBER-----	2		2					
2823 SYNTHETIC (MAN-MADE) FIBERS-----	2,009	1,221	788					
2831 DRUGS-----	3		3					
2841 SOAP-----	66		66					
2851 PAINTS-----	49	18	31					
2891 MISCELLANEOUS CHEMICAL PROD-----	4,739	2,241	2,478					
2911 GASOLINE-----	9,481		43	6,394		3,044		
2914 DISTILLATE FUEL OIL-----	122,423			6,777	75,435	40,411		
2919 RESIDUAL FUEL OIL-----	1,387,363	30,969		437,438	107,907	254,786	516,728	39,535
2916 LUBRICATING OILS AND GREASES-----	389		247			138		
2918 ASPHALT, TAR, AND BITUMENS-----	13		13					
2920 COKE, PETROLEUM-----	20,415		20,415					
2931 ASPHALT BUILDING MATERIALS-----	92		92					
2991 PETROLEUM AND COAL PROD, NEC-----	90		90					
3011 RUBBER AND MISC PLASTIC PROD-----	1,703	1,663	40					
3211 GLASS AND GLASS PRODUCTS-----	728	703	25					
3241 BUILDING CEMENT-----	295		295					
3251 STRUCTURAL CLAY PRODUCTS-----	144		144					
3281 CUT STONE AND STONE PRODUCTS-----	18	18						
3291 MISC NONMETALLIC MINERAL PROD-----	124		124					
3314 IRON AND STEEL PRIMARY FORMS-----	6,975	115	6,860					
3315 IRON, STEEL SHAPES, EXC SHEET-----	148,158	140,876	7,282					
3316 IRON AND STEEL PLATES, SHEETS-----	4,946	910	4,036					
3317 IRON AND STEEL PIPE AND TUBE-----	36,225	36,153	72					
3318 FERROALLOYS-----	32,321	32,292	29					
3319 IRON AND STEEL PRODUCTS, NEC-----	1,164	269	895					
3321 NONFERROUS METALS, NEC-----	1,437	1,435	2					
3322 COPPER ALLOYS, UNWORKED-----	3,901	3,877	24					
3323 LEAD AND ZINC, UNWORKED-----	5,738	5,738						
3324 ALUMINUM AND ALLOYS, UNWORKED-----	274	164	110					
3411 FABRICATED METAL PRODUCTS-----	6,716	6,399	236			79		
3911 MACHINERY, EXCEPT ELECTRICAL-----	8,683	4,739	3,402		100	48	304	
3611 ELECTRICAL MACH AND EQUIP-----	974	13	961					
3711 MOTOR VEHICLES, PARTS, EQUIP-----	113,773	26	113,747					
3721 AIRCRAFT AND PARTS-----	54		1				93	
3731 SHIPS AND BOATS-----	336	336						
3991 MISC TRANSPORTATION EQUIPMENT-----	119	72	47					
3811 INSTR, TIME, PHOTO, OPT GOODS-----	8		8					
3911 MISC MANUFACTURED PRODUCTS-----	1,362	1,359	3					
4011 IRON AND STEEL SCRAP-----	419,987		419,987					
4012 NONFERROUS METAL SCRAP-----	44		44					
4022 TEXTILE WASTE, SCRAP, SWEEP-----	519	589	10					
4024 PAPER WASTE AND SCRAP-----	268		268					
4111 WATER-----	2,075					2,075		
4112 COMMODITIES, NEC-----	726	346				388		
9999 DEPARTMENT OF DEFENSE AND SCI-----	817		817					

PHILADELPHIA, PA., DISTRICT

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SCHUYLKILL RIVER, PA. (INCLUDED IN PHILADELPHIA HARBOR, PA.)

SECTION INCLUDED: DELAWARE RIVER TO UNIVERSITY AVENUE BRIDGE, PHILADELPHIA, 6.5 MILES. CONTROLLING DEPTH IN MIDDLE HALF OF CHANNEL: DECEMBER 1980, 31.4 FEET TO UPPER END OF BERTH #1, ARCO BALLAST WHARF, OCTOBER 1980, 18.0 FEET TO PASSYUNK AVENUE BRIDGE. MINIMUM DEPTH IN RIGHT OUTSIDE QUARTER 32.5 FEET; 4 MILES; THENCE IN OCTOBER 1980, 19.7 FEET TO GIBSON POINT, 1 MILE; AND THENCE IN OCTOBER 1980, 11.9 FEET TO UNIVERSITY AVENUE BRIDGE; 1.5 MILES. PROJECT DEPTH: 33 FEET TO PASSYUNK AVENUE BRIDGE; THENCE 26 FEET TO GIBSON POINT; AND THENCE 22 FEET TO UNIVERSITY AVENUE BRIDGE.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971	14,406,526	1976	13,781,512
1972	15,639,851	1977	12,673,041
1973	18,201,700	1978	14,200,311
1974	18,986,597	1979	14,910,138
1975	13,159,078	1980	14,304,536

FREIGHT TRAFFIC, 1980  
(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC INTERNAL		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL	14,304,536	770,692	2,046,929	1,567,286	2,989,169	3,512,293	2,991,422	426,745
0103 CORN	1,368,359		1,368,359					
0104 OATS	7		7					
0107 WHEAT	34,541		34,541					
0111 SOYBEANS	454,050		454,050					
0129 FIELD CROPS, NEC	5		5					
0134 COCOA BEANS	1,409	1,409						
0141 ANIMALS AND PRODUCTS, NEC	256	256	2					
0191 MISCELLANEOUS FARM PRODUCTS	4	4						
0841 CRUDE RUBBER AND ALLIED GUMS	54	54						
0861 FOREST PRODUCTS, NEC	71		71					
0912 SHELLFISH, EXCEPT PREPARED	12	12						
1011 IRON ORE AND CONCENTRATES	19		19					
1031 ALUMINUM ORES, CONCENTRATES	5		5					
1091 NONFERROUS ORES, CONCENTRATES	2		2					
1121 COAL AND LIGNITE	1,016		1,016					
1311 CRUDE PETROLEUM	829,709			252,051		577,654		
1411 LIMESTONE	141,303	141,198	105					
1442 SAND, GRAVEL, CRUSHED ROCK	57		57					
1451 CLAY	703		703					
1471 PHOSPHATE ROCK	107		107					
1499 NONMETALLIC MINERALS, NEC	136	99	37					
2014 TALLOW, ANIMAL FATS AND OILS	1,968		1,968					
2022 DRIED MILK AND CREAM	293		293					
2034 VEGETABLES AND PREP, NEC	24		24					
2039 PREP FRUIT AND VEG JUICE, NEC	383	366	17					
2042 PREPARED ANIMAL FEEDS	422	311	111					
2081 ALCOHOLIC BEVERAGES	78	78						
2099 MISCELLANEOUS FOOD PRODUCTS	2,443	2,043	400					
2111 TOBACCO MANUFACTURES	3		3					
2111 BASIC TEXTILE PRODUCTS	125		125					
2212 TEXTILE FIBERS, NEC	15		15					
2311 APPAREL	1		1					
2411 LOGS	286	286						
2421 LUMBER	29	29						
2431 VENEER, PLYWOOD, WORKED WOOD	37	37						
2491 WOOD MANUFACTURES, NEC	46		46					
2511 FURNITURE AND FIXTURES	37	3	34					
2631 PAPER AND PAPERBOARD	4,145		4,145					
2691 PULP AND PAPER PRODUCTS, NEC	66		66					
2711 PRINTED MATTER	10		10					
2811 CRUDE TAR, OIL, GAS PRODUCTS	1,869		1,869					
2812 DYES, PIGMENT, TANNING MATS	10		10					
2813 ALCOHOLS	4		4					
2817 BENZENE AND TOLUENE	25,659			5,781	3,805	12,880	3,193	
2819 BASIC CHEMICALS AND PROD, NEC	278,718	19,266	2,951	11,528		61,225	66,144	121,604
2821 PLASTIC MATERIALS	3,646		3,646					
2822 SYNTHETIC RUBBER	76		76					
2823 SYNTHETIC (MAN-MADE) FIBERS	280	3	277					
2831 DRUGS	32		32					
2841 SOAP	512		512					
2851 PAINTS	187	88	99					
2861 GUM AND WOOD CHEMICALS	14		14					
2871 NITROGENOUS CHEM FERTILIZERS	28	28						
2876 INSECTICIDES, DISINFECTANTS	26		26					
2891 MISCELLANEOUS CHEMICAL PROD	480		480					
2911 GASOLINE	2,645,843		45	292,728	1,524,938	606,299	239,632	20,201
2912 JET FUEL	83,191			59,461	23,730			
2913 KEROSENE	89,133				65,133	1,513	22,507	
2914 DISTILLATE FUEL OIL	2,940,576		5,946	159,852	751,143	945,105	978,529	100,001
2915 RESIDUAL FUEL OIL	4,094,059	468,384		546,927	369,444	1,291,289	1,345,909	172,104
2916 LUBRICATING OILS AND GREASES	186,801		186	171,805	7,996			
2917 NAPHTHA, PETROLEUM SOLVENTS	115,289			94,874				
2918 ASPHALT, TAR, AND PITCHES	676,308		7	11,014	383,412	36,366	312,682	12,833
2921 LIQUEFIED GASES	116,871	116,689	186					
2991 ASPHALT BUILDING MATERIALS	7		7					
2991 PETROLEUM AND COAL PROD, NEC	12,657	105	149			9,912	2,491	
3011 RUBBER AND MISC PLASTIC PROD	1,559		1,559					
3111 LEATHER AND LEATHER PRODUCTS	2		2					
3211 GLASS AND GLASS PRODUCTS	6,696		6,696					
3241 BUILDING CEMENT	36		36					
3251 STRUCTURAL CLAY PRODUCTS	2,240		2,240					
3271 LIME	191		191					
3281 CUT STONE AND STONE PRODUCTS	1		1					

## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

SCHUYLKILL RIVER, PA. (INCLUDED IN PHILADELPHIA HARBOR, PA.)--CONTINUED

FREIGHT TRAFFIC, 1980--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	COASTWISE RECEIPTS SHIPMENTS	INTERNAL RECEIPTS SHIPMENTS	
3291 MISC NONMETALLIC MINERAL PROD-----	1,341		1,341			
3315 IRON, STEEL SHAPES, ETC SHEET-----	19,076	13,404	5,992			
3316 IRON AND STEEL PLATES, SHEETS-----	3,427		3,427			
3317 IRON AND STEEL PIPE AND TUBE-----	887	696	231			
3318 FERROALLOYS-----	64		64			
3319 IRON AND STEEL PRODUCTS, NEC-----	696	27	629			
3321 NONFERROUS METALS, NEC-----	1,216	1,200	16			
3322 COPPER ALLOYS, UNWORKED-----	464	22	462			
3324 ALUMINUM AND ALLOYS, UNWORKED-----	79		79			
3411 FABRICATED METAL PRODUCTS-----	1,471	328	1,033		110	
3511 MACHINERY, EXCEPT ELECTRICAL-----	2,422	10	2,312	100		
3611 ELECTRICAL MACH AND EQUIP-----	706		706			
3711 MOTOR VEHICLES, PARTS, EQUIP-----	8,152	83	8,069			
3721 AIRCRAFT AND PARTS-----	1		1			
3791 MISC TRANSPORTATION EQUIPMENT-----	1,166	118	1,048			
3811 INSTR, TIME, PHOTO, OPT GOODS-----	164		164			
3911 MISC MANUFACTURED PRODUCTS-----	18	8	10			
4011 IRON AND STEEL SCRAP-----	135,544		135,544			
4012 NONFERROUS METAL SCRAP-----	314	96	258			
4022 TEXTILE WASTE, SCRAP, SWEEP-----	22		22			
4112 COMMODITIES, NEC-----	22	12	10			
9999 DEPARTMENT OF DEFENSE AND SCI-----	235		235			
TOTAL TON-MILES, 44,495,329.						

PHILADELPHIA HARBOR, PA. (INCLUDED IN DELAWARE RIVER BETWEEN  
PHILADELPHIA, PA., AND TRENTON, N. J., DELAWARE RIVER,  
PHILADELPHIA, PA. TO THE SEA AND SCHUYLKILL RIVER, PA.)

SECTION INCLUDED: DELAWARE RIVER FROM THE LOWER DOCK AT HOG ISLAND, BELOW THE MOUTH OF SCHUYLKILL RIVER, TO THE MOUTH OF MOQUESSING CREEK, THE UPPER LIMIT OF THE CITY, 23 MILES AND SCHUYLKILL RIVER FROM ITS MOUTH TO FAIRMOUNT DAM, 8.4 MILES, FOR CONTROLLING AND PROJECT DEPTH SEE TABLES OF INDIVIDUAL REFERENCED PROJECTS.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1971-----	51,133,893	624,307	1976-----	58,603,564	481,236
1972-----	49,336,885	619,388	1977-----	49,716,565	400,508
1973-----	54,629,926	573,518	1978-----	50,822,894	407,604
1974-----	59,920,178	594,503	1979-----	54,865,960	532,773
1975-----	52,029,803	436,329	1980-----	47,882,836	496,313

## FREIGHT TRAFFIC, 1980

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	COASTWISE RECEIPTS SHIPMENTS	INTERNAL RECEIPTS SHIPMENTS	
TOTAL-----	47,882,836	21,726,475	7,632,496	3,108,880	3,316,516	7,092,922
0101 COTTON, RAW-----	363		363			
0103 CORN-----	2,618,834		2,618,834			
0104 OATS-----	7		7			
0105 RICE-----	1,899		1,899			
0107 WHEAT-----	288,578		288,578			
0111 SOYBEANS-----	578,651		578,651			
0119 OILSEEDS, NEC-----	41	41				
0121 TOBACCO, LEAF-----	18,128	18,080	94	26		
0129 FIELD CROPS, NEC-----	300	237	63			
0131 FRESH FRUITS AND TREE NUTS-----	9,349	9,048	80	221		
0133 COFFEE-----	762	769	13			
0134 COCOA BEANS-----	42,147	40,249	294	1,604		
0141 FRESH AND FROZEN VEGETABLES-----	2,081	1,290	771			
0151 LIVE ANIMALS-----	48					
0161 ANIMALS AND PRODUCTS, NEC-----	5,749	2,445	3,280	24		
0191 MISCELLANEOUS FARM PRODUCTS-----	51	51				
0841 CRUDE RUBBER AND ALLIED GUMS-----	1,088	1,020	68			
0861 FOREST PRODUCTS, NEC-----	3,026	2,387	639			
0911 FRESH FISH, EXCEPT SHELLFISH-----	9,477	9,056	421			
0912 SHELLFISH, EXCEPT PREPARED-----	1,300	1,249	51			
1011 IRON ORE AND CONCENTRATES-----	3,996,322	3,995,982	340			
1021 COPPER ORE AND CONCENTRATES-----	40	40				
1051 ALUMINUM ORES, CONCENTRATES-----	296	223	33			
1061 MANGANESE ORES, CONCENTRATES-----	40,059	40,059				
1091 NONFERROUS ORES, CONCENT, NEC-----	28,636	17,410	11,226			
1121 COAL AND LIGNITE-----	2,896,979		2,777,178	82,926	2,437	14,638
1311 CRUDE PETROLEUM-----	18,720,993	14,330,663	1,064,310		3,315,304	5,396
1411 LIMESTONE-----	286,493	190,422	18,071			9,328
1412 BUILDING STONE, UNWORKED-----	710		710			
1442 SAND, GRAVEL, CRUSHED ROCK-----	57,070	31	5,676			
1451 CLAY-----	97,208	34,464	22,831			
1471 PHOSPHATE ROCK-----	243		243			
1491 SALT-----	47		47			
1492 SULPHUR, DRY-----	879		879			
1499 NONMETALLIC MINERALS, NEC-----	16,978	16,382	676			

## PHILADELPHIA, PA., DISTRICT

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PHILADELPHIA HARBOR, PA., INCLUDED IN DELAWARE RIVER BETWEEN  
PHILADELPHIA, PA., AND TRENTON, N. J., DELAWARE RIVER,  
PHILADELPHIA, PA. TO THE SEA AND SCHUYLKILL RIVER, PA.,--CONTINUED

FREIGHT TRAFFIC, 1968--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		LOCAL	
		IMPORTS	EXPORTS	COASTWISE RECEIPTS	COASTWISE SHIPMENTS	INTERNAL RECEIPTS	INTERNAL SHIPMENTS
1911 ORDNANCE AND ACCESSORIES-----	81	17	64				
2011 MEAT, FRESH, CHILLED, FROZEN-----	239,723	236,369	2,244	1,112			
2012 MEAT AND PRODUCTS, NEC-----	21,336	20,709	44	217			
2014 TALLOW, ANIMAL FATS AND OILS-----	17,007		17,007				
2019 ANIMAL BY-PRODUCTS, NEC-----	340	157	143				
2021 DAIRY PRODUCTS, NEC-----	22,090	20,980	20	1,090			
2022 DRIED MILK AND CREAM-----	1,697	64	1,573				
2031 FISH AND SHELLFISH, PREPARED-----	3,039	3,739	32	60			
2034 VEGETABLES AND PREP, NEC-----	6,491	5,406	772	233			
2039 PREP FRUIT AND VEG JUICE, NEC-----	63,416	60,002	972	1,562			
2042 PREPARED ANIMAL FEEDS-----	2,092	1,398	1,494				
2049 GRAIN MILL PRODUCTS, NEC-----	4,242	747	3,495				
2061 SUGAR-----	676,130	697,138	11,419	167,967			
2062 MOLASSES-----	8						
2081 ALCOHOLIC BEVERAGES-----	35,676	28,796	866	6,024			
2091 VEGETABLE OILS, MARG, SHORT-----	9,300	2,194	137	1,917	1,492		
2092 ANIMAL OILS AND FATS, NEC-----	663						
2099 MISCELLANEOUS FOOD PRODUCTS-----	169,099	99,731	8,418	814		136	
2111 TOBACCO MANUFACTURES-----	744	52	691	1			
2211 BASIC TEXTILE PRODUCTS-----	26,913	11,108	14,713	791		121	
2212 TEXTILE FIBERS, NEC-----	1,347	1,025	37	285			
2311 APPAREL-----	4,491	3,944	507				
2411 LOGS-----	1,291	733	390				
2413 FUEL WOOD, CHARCOAL, WASTES-----	199						
2416 WOOD CHIPS, STAVES, HOLDINGS-----	1,847	1,425	222				
2421 LUMBER-----	12,002	10,096	1,906				
2431 VENEER, PLYWOOD, WORKED WOOD-----	16,089	16,494	535				
2491 WOOD MANUFACTURES, NEC-----	5,014	1,838	3,082	94			
2511 FURNITURE AND FIXTURES-----	3,041	2,042	937	62			
2611 PULP-----	229	12	217				
2631 PAPER AND PAPERBOARD-----	109,903	73,220	32,649	14			
2691 PULP AND PAPER PRODUCTS, NEC-----	4,509	437	4,072				
2711 PRINTED MATTER-----	3,043	1,088	1,955				
2810 SODIUM HYDROXIDE-----	18,294			18,294			
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	1,922		57	1,865			
2812 DYES, PIGMENT, TANNING MATS-----	634		634				
2813 ALCOHOLS-----	16,257		232	10,536			2,094
2816 RADIOACTIVE MATERIALS, WASTES-----	6	4					
2817 BENZENE AND TOLUENE-----	25,659			5,781	3,805	12,080	3,193
2818 SULPHURIC ACID-----	49,173					22,708	26,473
2819 BASIC CHEMICALS AND PROD, NEC-----	851,579	70,247	83,057	144,345	51,535		190,948
2821 PLASTIC MATERIALS-----	51,944	2,209	49,735				311,447
2822 SYNTHETIC RUBBER-----	4,971		4,733			218	
2823 SYNTHETIC (MAN-MADE) FIBERS-----	6,090	5,200	890				
2831 DRUGS-----	1,816	244	1,572				
2841 SOAP-----	6,566	477	6,069	29			
2851 PAINTS-----	9,880	6,727	3,153				
2861 GUM AND WOOD CHEMICALS-----	24,690	65	278	24,307			
2871 NITROGENOUS CHEM FERTILIZERS-----	23,557	1,409		17,397		4,751	
2873 PHOSPHATIC CHEM FERTILIZERS-----	52		52				
2876 INSECTICIDES, DISINFECTANTS-----	9,318	824	4,494				
2879 FERTILIZER AND MATERIALS, NEC-----	25,878	58	820				
2891 MISCELLANEOUS CHEMICAL PROD-----	25,760	6,374	17,608	108			
2911 GASOLINE-----	2,701,364		2,743	312,354	1,579,061	604,703	249,270
2912 JET FUEL-----	86,129			99,461	26,468		42,233
2913 KEROSENE-----	90,613		131		45,133	1,513	23,836
2914 DISTILLATE FUEL OIL-----	3,492,004	10,092	64	188,972	784,781	1,003,444	1,064,125
2915 RESIDUAL FUEL OIL-----	5,715,405	616,022		691,133	428,772	1,938,703	1,179,770
2916 LUBRICATING OILS AND GREASES-----	340,460	99,097	32,641	231,778	7,564	25,127	12,405
2917 NAPHTHA, PETROLEUM SOLVENTS-----	233,000			163,941		28,663	40,804
2918 ASPHALT, TAR, AND PITCHES-----	677,090	22	775	11,014	303,412	36,360	312,682
2920 COKE, PETROLEUM COKE-----	430,435	26,076	391,181				22,378
2921 LIQUEFIED GASES-----	120,082	127,771	291				
2931 ASPHALT BUILDING MATERIALS-----	639		639				
2991 PETROLEUM AND COAL PROD, NEC-----	21,038	484	3,640	42		14,381	2,491
3011 RUBBER AND MISC PLASTIC PROD-----	10,340	4,579	11,716	53			
3111 LEATHER AND LEATHER PRODUCTS-----	2,071	1,792	299				
3211 GLASS AND GLASS PRODUCTS-----	46,814	4,372	42,369	77			
3241 BUILDING CEMENT-----	1,047	20	1,027				
3291 STRUCTURAL CLAY PRODUCTS-----	12,032	2,984	9,048				
3271 LIME-----	156		152				
3281 CUT STONE AND STONE PRODUCTS-----	849	844	5				
3291 MISC NONMETALLIC MINERAL PROD-----	11,234	4,803	6,388	49			
3314 IRON AND STEEL PRIMARY FORMS-----	639	582	53				
3319 IRON, STEEL SHAPES, EXC SHEET-----	389,686	372,352	15,227	147			
3316 IRON AND STEEL PLATES, SHEETS-----	48,040	5,299	43,933				
3317 IRON AND STEEL PIPE AND TUBE-----	79,102	75,335	3,712	59			
3318 FERROALLOYS-----	22,366	81,462	964				
3319 IRON AND STEEL PRODUCTS, NEC-----	24,770	17,487	7,172	111			
3321 NONFERROUS METALS, NEC-----	13,933	12,924	1,009				
3322 COPPER ALLOYS, UNWORKED-----	6,813	5,040	1,794	19			
3323 LEAD AND ZINC, UNWORKED-----	12,029	7,821	5,108				
3324 ALUMINUM AND ALLOYS, UNWORKED-----	17,128	3,680	13,398				
3411 FABRICATED METAL PRODUCTS-----	59,562	65,108	18,069	144		110	31
3511 MACHINERY, EXCEPT ELECTRICAL-----	92,732	91,256	37,082	1,468			2,968
3611 ELECTRICAL MACH AND EQUIP-----	36,207	19,087	14,084	600			574
3711 MOTOR VEHICLES, PARTS, EQUIP-----	91,196	22,064	61,904	4,794			
3721 AIRCRAFT AND PARTS-----	72	19	53				
3731 SHIPS AND BOATS-----	410	68	59		319		
3791 MISC TRANSPORTATION EQUIPMENT-----	26,056	23,489	2,418	37			
3811 INSTR, TIME, PHOTO, OPT GOODS-----	2,742	1,166	1,931	5			
3911 MISC MANUFACTURED PRODUCTS-----	8,415	7,985	1,108	10			

## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

PHILADELPHIA HARBOR, PA., (INCLUDED IN DELAWARE RIVER BETWEEN PHILADELPHIA, PA., AND TRENTON, N. J., DELAWARE RIVER, PHILADELPHIA, PA., TO THE SEA AND SCHUMLKILL RIVER, PA.)--CONTINUED

## FREIGHT TRAFFIC, 1980--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
4011 IRON AND STEEL SCRAP-----	261,515	2,193	259,322	-----	-----	-----	-----	-----
4012 NONFERROUS METAL SCRAP-----	81,456	64,515	16,939	-----	-----	-----	-----	-----
4022 TEXTILE WASTE, SCRAP, SWEEP-----	12,780	1,681	11,099	-----	-----	-----	-----	-----
4024 PAPER WASTE AND SCRAP-----	18,956	-----	10,956	-----	-----	-----	-----	-----
4029 WASTE AND SCRAP, NEC-----	95,642	-----	-----	-----	-----	-----	95,642	-----
4111 WATER-----	10,830	-----	-----	-----	-----	-----	8,340	2,490
4112 COMMODITIES, NEC-----	193,916	3,277	472	40,306	1,873	79,291	68,297	400
4119 EMPTY CONTAINERS-----	144	-----	-----	-----	144	-----	-----	-----
9999 DEPARTMENT OF DEFENSE AND SCI-----	266	-----	266	-----	-----	-----	-----	-----

TRENTON HARBOR, N. J., (INCLUDED IN DELAWARE RIVER BETWEEN PHILADELPHIA, PA., AND TRENTON, N. J.)

SECTION INCLUDED: OIL TERMINALS AT DUCK ISLAND TO FERRY STREET, TRENTON, N. J., 3.4 MILES; CONTROLLING DEPTH IN MIDDLE HALF OF CHANNEL: DUCK ISLAND TO TRENTON MARINE TERMINAL, IN MAY 1980, 13.5 FEET, AND THENCE TO PENNSYLVANIA R. R. BRIDGE AT TRENTON, IN MAY 1980, 10.7 FEET. PROJECT DEPTH: DUCK ISLAND TO TRENTON MARINE TERMINAL 35 FEET AUTHORIZED BUT DEFERRED; THENCE TO PENNSYLVANIA R. R. BRIDGE, 12 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1971-----	1,385,806	11	1976-----	987,827	1
1972-----	1,176,981	311	1977-----	1,248,079	1
1973-----	1,401,832	11	1978-----	895,855	4
1974-----	1,190,989	15	1979-----	923,847	-----
1975-----	1,242,500	5	1980-----	1,011,340	-----

## FREIGHT TRAFFIC, 1980

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE		INTERNAL	
		SHIPMENTS	RECEIPTS	SHIPMENTS	RECEIPTS
TOTAL-----	1,011,340	3,009	1,005,232	3,099	-----
1121 COAL AND LIGNITE-----	962,056	-----	962,056	-----	-----
2911 GASOLINE-----	2,210	-----	2,210	-----	-----
2914 DISTILLATE FUEL OIL-----	47,074	3,009	40,966	3,099	-----

## WILMINGTON HARBOR, DELAWARE

SECTION INCLUDED: WEST SHORE OF DELAWARE RIVER FROM AND INCLUDING PIGEON POINT, DEL., TO AND INCLUDING EDGEWOOD, DEL., 4.4 MILES; AND CHRISTINA RIVER FROM DELAWARE RIVER TO NEWPORT, DEL., 0.5 MILES; CONTROLLING DEPTH IN MIDDLE HALF OF CHANNEL: IN THE DELAWARE RIVER IN AUGUST 1980, 42.3 FEET. IN THE CHRISTINA RIVER IN DECEMBER 1980, 26.4 FEET TO UPPER END OF MARINE TERMINAL WHARF; THENCE IN DECEMBER 1980, 18.2 FEET TO LOBDELL CANAL, 1.2 MILES; THENCE IN DECEMBER 1974, 11.3 FEET TO MARKET STREET BRIDGE AT WILMINGTON, 2.1 MILES; THENCE JANUARY 1960, 13.2 FEET TO THE FORMER PULP WORKS, 1.2 MILES; THENCE JANUARY 1960, 5.8 FEET TO PENNSYLVANIA R. R. BRIDGE NO. 4, 0.3 MILES; AND THENCE 6.1 FEET TO NEWPORT, 5 MILES. PROJECT DEPTH: IN DELAWARE RIVER, 40 FEET; IN CHRISTINA RIVER, 35 FEET TO LOBDELL CANAL, THENCE 21 FEET TO THE FORMER PULP WORKS; THENCE 10 FEET TO PENNSYLVANIA R. R. BRIDGE NO. 4, AND THENCE 7 FEET TO NEWPORT. ALL AT MEAN LOW WATER.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	ADDITIONAL TRAFFIC - RAILROAD FREIGHT CARS				YEAR	TONS	ADDITIONAL TRAFFIC - RAILROAD FREIGHT CARS			
		RECEIPTS		SHIPMENTS				RECEIPTS		SHIPMENTS	
		EMPTY	LOADED	EMPTY	LOADED			EMPTY	LOADED	EMPTY	LOADED
1971--	2,967,223	2,441	2,104	2,302	2,376	1976--	2,693,259	1,775	1,892	1,897	1,691
1972--	3,602,395	2,853	1,993	1,941	2,749	1977--	2,917,774	873	1,547	656	966
1973--	4,701,816	3,218	2,500	2,314	3,185	1978--	3,310,324	1,169	833	907	860
1974--	3,889,844	3,000	2,011	2,093	2,917	1979--	3,252,629	480	463	303	475
1975--	3,226,559	2,509	1,603	1,554	2,384	1980--	3,535,993	811	292	182	164

## FREIGHT TRAFFIC, 1980

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL-----	3,535,993	1,175,330	905,808	368,121	71,943	897,892	115,345	1,934
0131 FRESH FRUITS AND TREE NUTS-----	128,144	128,144	-----	-----	-----	-----	-----	-----
0134 COCOA BEANS-----	4,193	4,193	-----	-----	-----	-----	-----	-----
0141 FRESH AND FROZEN VEGETABLES-----	179	179	-----	-----	-----	-----	-----	-----
0841 CRUDE RUBBER AND ALLIED GUMS-----	82	82	-----	-----	-----	-----	-----	-----

PHILADELPHIA, PA., DISTRICT

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WILMINGTON HARBOR, DELAWARE--CONTINUED

FREIGHT TRAFFIC, 1998--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	INTERNAL				
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
0801 FOREST PRODUCTS, NEC	67	67						
0911 FRESH FISH, EXCEPT SHELLFISH	1,046	1,025	21					
0912 SHELLFISH, EXCEPT PREPARED	16		16					
1051 ALUMINUM ORES, CONCENTRATES	6,841	6,841						
1091 NONFERROUS ORES, CONCENT, NEC	22,427	8,750	3,041			2,485	8,151	
1121 COAL AND LIGNITE	90,121		90,121					
1311 CRUDE PETROLEUM	289,178	289,178						
1411 LIMESTONE	150,545	126,350	24,255					
1491 PHOSPHATE ROCK	4,148	4,148						
1491 SALT	47,274	47,274						
2011 MEAT, FRESH, CHILLED, FROZEN	20,396	12,533	7,863					
2012 MEAT AND PRODUCTS, NEC	5		5					
2022 DRIED MILK AND CREAM	1		1					
2039 PREP FRUIT AND VEG JUICE, NEC	5,061	5,061						
2091 VEGETABLE OILS, MARG, SHORT	44		44					
2099 MISCELLANEOUS FOOD PRODUCTS	564	559	5					
2211 BASIC TEXTILE PRODUCTS	2,665	2,662	3					
2212 TEXTILE FIBERS, NEC	328	328						
2311 APPAREL	4	4						
2411 LOGS	114		114					
2421 LUMBER	103,937	83,719	19,818					
2431 VENEER, PLYWOOD, WORKED WOOD	26	26						
2491 WOOD MANUFACTURES, NEC	23		23					
2511 FURNITURE AND FIXTURES	4		4					
2511 PAPER AND PAPERBOARD	3		3					
2711 PRINTED MATTER	2	2						
2817 BENZENE AND TOLUENE	8,277			1,519			6,758	
2819 BASIC CHEMICALS AND PROD, NEC	15,017	4,798	3,442			5,298	1,527	
4021 PLASTIC MATERIALS	24		24					
2841 SOAP	1	1						
2851 PAINTS	20	20						
2871 NITROGENOUS CHEM FERTILIZERS	49,512	38,091				11,461		
2873 PHOSPHATIC CHEM FERTILIZERS	41		41					
2876 INSECTICIDES, DISINFECTANTS	646		646					
2891 MISCELLANEOUS CHEMICAL PROD	1		1					
2911 GASOLINE	187,358	30,054			36,904	120,440		
2912 JET FUEL	2,423				2,423			
2913 KEROSENE	4,064					4,064		
2914 DISTILLATE FUEL OIL	492,365				32,616	364,491	91,724	1,534
2915 RESIDUAL FUEL OIL	920,508	212,966		359,330		348,612		
2916 LUBRICATING OILS AND GREASES	60					60		
2917 NAPHTHA, PETROLEUM SOLVENTS	33,471					26,384	7,087	
2918 ASPHALT, TAR, AND BITUMES	7,272			7,272				
2920 COKE, PETROLEUM COKE	652,234		652,234					
3011 RUBBER AND MISC PLASTIC PROD	3		3					
3111 LEATHER AND LEATHER PRODUCTS	30	30						
3314 IRON AND STEEL PRIMARY FORMS	20	20						
3315 IRON, STEEL SHAPES, EXC SHEET	96,707	84,126				12,581		
3317 IRON AND STEEL PIPE AND TUBE	477	477						
3323 LEAD AND ZINC, UNWORKED	4,420		4,420					
3324 ALUMINUM AND ALLOYS, UNWORKED	3,483		3,483					
3411 FABRICATED METAL PRODUCTS	95	23	24				48	
3511 MACHINERY, EXCEPT ELECTRICAL	9,999	9,168	761				50	
3611 ELECTRICAL MACH AND EQUIP	70		70					
3711 MOTOR VEHICLES, PARTS, EQUIP	169,444	74,771	94,673					
3731 SHIPS AND BOATS	111		111					
3791 MISC TRANSPORTATION EQUIPMENT	393		393					
3811 INSTR, TIME, PHOTO, OPT GOODS	37	34	3					
3911 MISC MANUFACTURED PRODUCTS	4	4						
4112 COMMODITIES, NEC	334	243	67			24		
9999 DEPARTMENT OF DEFENSE AND SCI	18		18					

SUMMARY OF TRAFFIC - DELAWARE RIVER AND TRIBUTARIES, TRENTON, N. J., TO THE SEA, 1998

(SHORT TONS)

LOCALITY	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TRENTON HARBOR, N. J.	1,061,340				3,009	1,005,232	3,009	
BORDENTOWN-FIELDSBORO, N. J.								
BURLINGTON-FLORENCE-ROEBLING, N. J.	676,933	361,845				314,688		
RIVERTON-DELANCO-BEVERLY, N. J.								
PENN HARBOR, PA., AND VICINITY	3,279,466	2,788,401	91,294			395,130	4,641	
BRISTOL, PA., AND VICINITY	12,340					12,340		
PHILADELPHIA HARBOR, PA.	47,882,836	21,726,475	7,632,496	3,108,890	3,318,516	7,002,922	3,326,515	1,679,632
CAMDEN-GLOUCESTER, N. J.	7,244,469	1,265,412	731,917	1,922,063	153,814	1,159,757	1,914,969	96,693
CHESTER, PA.	535,597			8,275		524,664	3,258	
MARCUS Hook, PA., AND VICINITY	25,695,547	11,314,453	143,484	4,643,238	2,599,905	3,605,675	3,050,268	335,308
PAULSBORO, N. J., AND VICINITY	22,789,580	11,591,906	73,190	1,924,093	3,133,869	3,203,463	2,820,893	240,224
THOMPSON POINT, N. J., AND VICINITY	368,193	30,334		154,348		48,891	92,930	
WILMINGTON HARBOR, DEL.	3,535,993	1,175,350	905,608	168,121	71,943	897,892	115,345	1,534
PENNSGROVE-CARNEY POINT, N. J.	568,039	58	59,307	267,187		174,327	17,216	
NEW CASTLE, DEL., AND VICINITY	11,497,204	5,343,673		198,732	2,747,165	1,613,298	1,565,350	
ARTIFICIAL IS., N. J., AND VICINITY	2,216			1,900		316		
LOWER DELAWARE BAY, N. J.	29,375					17,102	2,960	5,314
LOWER DELAWARE BAY, DEL.	11,799,146	2,587,379	15	150,491	137,831	356,719	8,566,731	
TOTAL	136,631,910	57,989,288	9,637,611	12,741,328	12,164,054	20,461,856	21,483,670	2,358,103
NET VOLUME OF COMMERCE	118,415,090	57,989,288	9,637,611	12,741,328	12,164,054	23,528,706		2,358,103

## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

INLAND WATERWAY FROM DELAWARE RIVER TO CHESAPEAKE BAY, DEL.  
AND MD. - CHESAPEAKE AND DELAWARE CANAL

SECTION INCLUDED: DELAWARE RIVER TO POULES ISLAND IN CHESAPEAKE BAY, 46 MILES; CONTROLLING DEPTH: 14 DECEMBER 1980, 34.6 FEET IN  
MIDDLE HALF OF CHANNEL; PROJECT DEPTH: 35 FEET AT MEAN LOW WATER.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1971-----	10,312,941	14,40	1976-----	11,257,613	17,585
1972-----	10,990,317	14,686	1977-----	10,813,406	17,148
1973-----	8,959,530	23,048	1978-----	14,571,375	13,088
1974-----	12,503,704	22,435	1979-----	14,394,868	9,986
1975-----	10,790,328	17,950	1980-----	15,975,802	1,795

## FREIGHT TRAFFIC, 1980

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			
		EASTBOUND	WESTBOUND	COASTWISE		INTERNAL	
				EASTBOUND	WESTBOUND	EASTBOUND	WESTBOUND
TOTAL-----	15,975,802	3,217,642	3,575,084	1,499,995	2,637,410	2,152,915	2,893,216
0105 RICE-----	2,250		2,250				
0106 SORGHUM GRAINS-----	6,000	6,000					
0107 WHEAT-----	2,250		2,250				
0129 FIELD CROPS, NEC-----	300	300					
0131 FRESH FRUITS AND TREE NUTS-----	56,044	35,260	20,503		301		
0132 BANANAS AND PLANTAINS-----	62,756	31,751	31,005				
0161 ANIMALS AND PRODUCTS, NEC-----	2				2		
0191 MISCELLANEOUS FARM PRODUCTS-----	5,661	4,599	1,102				
0861 FOREST PRODUCTS, NEC-----	5,482	1,333	3,936		213		
0911 FRESH FISH, EXCEPT SHELLFISH-----	17,566	234	17,039		34	259	
0912 SHELLFISH, EXCEPT PREPARED-----	196					57	139
1011 IRON ORE AND CONCENTRATES-----	34,320	5,025		22,395	6,900		
1021 COPPER ORE AND CONCENTRATES-----	28,057					28,057	
1051 NONFERROUS ORES, CONCENT, NEC-----	23,132	2,113	8,568		3,064	1,231	8,151
1121 COAL AND LIGNITE-----	1,206,170		14	256,501		949,655	
1311 CRUDE PETROLEUM-----	60,046		22,699				37,347
1411 LIMESTONE-----	28,000			28,000			
1442 SAND, GRAVEL, CRUSHED ROCK-----	239,000	3,000		190,800	45,200		
1451 CLAY-----	1,134	1,000			134		
1493 SULPHUR, LIQUID-----	3,600			3,600			
1494 GYPSUM, CRUDE AND PLASTERS-----	11,975		11,975				
1499 NONMETALLIC MINERALS, NEC-----	9,376		9,226		150		
1911 ORDNANCE AND ACCESSORIES-----	1,075		975		100		
2011 MEAT, FRESH, CHILLED, FROZEN-----	62				62		
2031 FISH AND SHELLFISH, PREPARED-----	1,638				1,638		
2034 VEGETABLES AND PREP, NEC-----	365				365		
2039 PREP FRUIT AND VEG JUICE, NEC-----	1,196				1,196		
2049 GRAIN MILL PRODUCTS, NEC-----	111				111		
2061 SUGAR-----	11,063			6,863		4,200	
2062 MOLASSES-----	38,229			14,560	12,649		
2081 ALCOHOLIC BEVERAGES-----	16,230		11,020		16,140		
2091 VEGETABLE OILS, MARG, SHORT-----	9,234			1,900	7,734		
2099 MISCELLANEOUS FOOD PRODUCTS-----	27,678	8,048	11,116	5,274	3,062	136	
2111 TOBACCO MANUFACTURES-----	1,049	372	22		675		
2211 BASIC TEXTILE PRODUCTS-----	1,623	15	1,157		336	121	
2311 APPAREL-----	2,330		433		1,897		
2411 LOGS-----	424	134	50		240		
2421 LUMBER-----	196,054	54,192	97,722		4,140		
2431 VENEER, PLYWOOD, WORKED WOOD-----	2,805			2,759	46		
2491 WOOD MANUFACTURES, NEC-----	266	80	150		36		
2511 FURNITURE AND FIXTURES-----	499		378		121		
2611 PULP-----	113,281	830	1,655	26,778	750	83,248	
2631 PAPER AND PAPERBOARD-----	143,287		8,994	69,141	3,700	61,452	
2691 PULP AND PAPER PRODUCTS, NEC-----	24,654	1,482	2,534	19,629	1,009		
2711 PRINTED MATTER-----	31		10		40		
2810 SODIUM HYDROXIDE-----	45,266			1,344	43,922		
2811 CRUDE TAP, OIL, GAS PRODUCTS-----	191,439				190,750		689
2812 DYES, PIGMENTS, TANNING MATS-----	12,700	6,108		6,600			
2813 ALCOHOLS-----	3,679				3,393		
2817 BENZENE AND TOLUENE-----	43,660			838	12,924	7,362	22,534
2818 SULPHURIC ACID-----	242,882		24,190		15,610	35,380	167,682
2819 BASIC CHEMICALS AND PROD, NEC-----	382,405	7,225	60,825	42,829	14,200		197,318
2821 PLASTIC MATERIALS-----	3				3		
2822 SYNTHETIC RUBBER-----	218					218	
2831 DRUGS-----	139			64	75		
2841 SOAP-----	3,859			3,859			
2871 NITROGENOUS CHEM FERTILIZERS-----	98,034	11,000				27,288	19,746
2879 FERTILIZER AND MATERIALS, NEC-----	42,800	10,500		19,600	12,700		
2891 MISCELLANEOUS CHEMICAL PROD-----	47,780	14,307	1,328	1,700	30,445		
2911 GASOLINE-----	747,891	7,802	17,900	16,999	109,667	224,710	371,213
2912 JET FUEL-----	248,296			35,630	8,955	19,331	184,300
2913 KEROSENE-----	39,872		11,450				26,256
2914 DISTILLATE FUEL OIL-----	969,496	31,707	68,874	42,740	23,045	183,375	619,755
2915 RESIDUAL FUEL OIL-----	1,449,917				230,108	387,264	832,545
2916 LUBRICATING OILS AND GREASES-----	74,936			971	33,699		40,266
2917 NAPHTHA, PETROLEUM SOLVENTS-----	18,293			9,404	12,889		
2918 ASPHALT, TAR, AND BITUMENS-----	597,894			77,386	177,482	36,360	266,626
2920 COKE, PETROLEUM COKE-----	25,600				25,600		
2921 LIQUEFIED GASES-----	28,107				5,729		22,378
2951 ASPHALT BUILDING MATERIALS-----	8				8		
2991 PETROLEUM AND COAL PROD, NEC-----	587,428	75,494	43,683	61,475	394,896	9,089	2,491
3011 RUBBER AND MISC PLASTIC PROD-----	4,704	60	1,924	100	2,610		
3111 LEATHER AND LEATHER PRODUCTS-----	514	30	144		340		
3211 GLASS AND GLASS PRODUCTS-----	272				134	138	
3241 BUILDING CEMENT-----	247,611			1,388	246,223		

PHILADELPHIA, PA., DISTRICT

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INLAND WATERWAY FROM DELAWARE RIVER TO CHESAPEAKE BAY, DEL.  
AND MD., - CHESAPEAKE AND DELAWARE CANAL--CONTINUED

FREIGHT TRAFFIC, 1968--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			
		EASTBOUND	WESTBOUND	COASTWISE		INTERNAL	
				EASTBOUND	WESTBOUND	EASTBOUND	WESTBOUND
3251 STRUCTURAL CLAY PRODUCTS-----	1,245	-----	712	-----	533	-----	-----
3291 MISC NONMETALLIC MINERAL PROD-----	37,433	13,297	23,753	282	101	-----	-----
3312 SLAG-----	1,456	1,456	-----	-----	-----	-----	-----
3313 COKE, PET ASPHALTS, SOLVENTS-----	800	-----	800	-----	-----	-----	-----
3315 IRON, STEEL SHAPES, EXC SHEET-----	173,126	72,276	90,040	-----	-----	9,704	1,106
3316 IRON AND STEEL PLATES, SHEETS-----	488	-----	-----	-----	-----	-----	409
3317 IRON AND STEEL PIPE AND TUBE-----	543	-----	-----	200	343	-----	-----
3318 FERROALLOYS-----	4,849	-----	4,849	-----	-----	-----	-----
3319 IRON AND STEEL PRODUCTS, NEC-----	53,558	5,011	42,107	3,505	2,095	-----	-----
3321 NONFERROUS METALS, NEC-----	2,346	-----	2,300	-----	46	-----	-----
3322 COPPER ALLOYS, UNWORKED-----	54	-----	-----	-----	54	-----	-----
3324 ALUMINUM AND ALLOYS, UNWORKED-----	2	-----	-----	-----	2	-----	-----
3411 FABRICATED METAL PRODUCTS-----	28,317	19,434	2,769	-----	2,908	2,877	249
3511 MACHINERY, EXCEPT ELECTRICAL-----	16,694	3,068	5,791	1,931	2,215	423	3,266
3611 ELECTRICAL MACH AND EQUIP-----	1,922	440	248	-----	660	-----	574
3711 MOTOR VEHICLES, PARTS, EQUIP-----	110,679	49,745	46,673	239	14,022	-----	-----
3721 AIRCRAFT AND PARTS-----	159	-----	-----	-----	-----	-----	159
3731 SHIPS AND BOATS-----	147	-----	-----	3	164	-----	-----
3791 MISC TRANSPORTATION EQUIPMENT-----	528	160	260	-----	108	-----	-----
3811 INSTR, TIME, PHOTO, OPT GOODS-----	1,567	1,482	85	-----	-----	-----	-----
3911 MISC MANUFACTURED PRODUCTS-----	29,321	16,064	5,124	1,371	6,762	-----	-----
4011 IRON AND STEEL SCRAP-----	6,393	-----	96	2,494	3,803	-----	-----
4012 NONFERROUS METAL SCRAP-----	8,770	2,818	5,960	-----	-----	-----	-----
4024 PAPER WASTE AND SCRAP-----	4	-----	-----	-----	4	-----	-----
4029 WASTE AND SCRAP, NEC-----	1,288	-----	305	-----	-----	923	-----
4111 WATER-----	300	-----	-----	300	-----	-----	-----
4112 COMMODITIES, NEC-----	7,122,187	2,711,575	2,847,067	517,149	698,832	79,467	68,097
9999 DEPARTMENT OF DEFENSE AND SCI-----	64	-----	64	-----	-----	-----	-----
TOTAL TON-MILES, 734,231,690.							



## OTHER HARBORS AND WATERWAYS

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON-MILES	PASSENGERS
PROJECT				
ABSECON CREEK, N. J.	0012 SHELLFISH, EXCEPT PREPARED	650	650	
ABSECON INLET, N. J.	0011 FRESH FISH, EXCEPT SHELLFISH	22		
	0012 SHELLFISH, EXCEPT PREPARED	174		
	TOTAL	196	196	23,266
ALLOWAY CREEK, N. J.	NO COMMERCE REPORTED			
APPOQUINIMINK RIVER, DEL.	NO COMMERCE REPORTED			
BARNEGAT INLET, N. J.	0011 FRESH FISH, EXCEPT SHELLFISH	1,018		
	0012 SHELLFISH, EXCEPT PREPARED	1		
	TOTAL	1,019	1,019	79,156
BIG TIMBER CREEK, N. J.	2010 SULPHURIC ACID	130,579		
	2015 RESIDUAL FUEL OIL	4,087		
	2018 ASPHALT, TAR, AND PITCHES	46,056		
	TOTAL	180,722	180,722	
BROADKILL RIVER, DEL.	NO COMMERCE REPORTED			
CAPE MAY CANAL, N. J.	0011 FRESH FISH, EXCEPT SHELLFISH	1		
	4112 COMMODITIES, NEC	600		
	TOTAL	601	1,803	770,908
COMANSEY RIVER, N. J.	0012 SHELLFISH, EXCEPT PREPARED	29		
	2013 KEROSENE	705		
	2014 DISTILLATE FUEL OIL	14,748		
	2015 RESIDUAL FUEL OIL	1,049		
	TOTAL	16,531	313,683	
COLD SPRING INLET, N. J.	0011 FRESH FISH, EXCEPT SHELLFISH	5,646		
	0012 SHELLFISH, EXCEPT PREPARED	58,171		
	TOTAL	63,767	63,767	2,770,808
COOPER RIVER, N. J.	2011 GASOLINE	326		
	2014 DISTILLATE FUEL OIL	31,979		
	TOTAL	32,305	32,305	
HARBOR OF REFUGE, DELAWARE BAY, DEL.	2871 NITROGENOUS CHEM FERTILIZERS	22,537	22,537	708,043
INDIAN RIVER INLET AND BAY, DEL.	0011 FRESH FISH, EXCEPT SHELLFISH	1	1	25,908
INLAND WATERWAY BETWEEN PENOBSCOT BAY AND DELAWARE BAY, DEL.	0011 FRESH FISH, EXCEPT SHELLFISH	2		
	0012 SHELLFISH, EXCEPT PREPARED	25		
	TOTAL	27	54	42,798
LEIPSIC RIVER, DEL.	NO COMMERCE REPORTED			
LITTLE EGG HARBOR, N. J.	0012 SHELLFISH, EXCEPT PREPARED	7	450	
LITTLE RIVER, DEL.	NO COMMERCE REPORTED			
MAVASQUAN RIVER, N. J.	0011 FRESH FISH, EXCEPT SHELLFISH	153		
	0012 SHELLFISH, EXCEPT PREPARED	439		
	TOTAL	592	592	73,032
MANTUA CREEK, N. J.	2631 PAPER AND PAPERBOARD	62,336		
	2610 SULPHURIC ACID	23,400		
	2014 DISTILLATE FUEL OIL	8,393		
	3315 IRON, STEEL SHAPES, EXC SHEET	88		
	3310 IRON AND STEEL PLATES, SHEETS	408		
	TOTAL	94,625	94,625	
MAURICE RIVER, N. J.	0012 SHELLFISH, EXCEPT PREPARED	5,283	32,576	3,346
MISPILLION RIVER, DEL.				600
MURDERKILL RIVER, DEL.				51,900
NEW JERSEY INTRACOSTAL WATERWAY	0011 FRESH FISH, EXCEPT SHELLFISH	7,562		
	0012 SHELLFISH, EXCEPT PREPARED	59,213		
	4112 COMMODITIES, NEC	600		
	TOTAL	67,375	233,246	1,171,190
OLDMAN'S CREEK, N. J.	2015 RESIDUAL FUEL OIL	1,411	7,055	
PEPPER CREEK, DEL.	NO COMMERCE REPORTED			
SALEM RIVER, N. J.	NO COMMERCE REPORTED			
SHYRNA RIVER, DEL.	NO COMMERCE REPORTED			
ST. JONES RIVER, DEL.	NO COMMERCE REPORTED			
TOMS RIVER, N. J.	NO COMMERCE REPORTED			

PHILADELPHIA, PA., DISTRICT

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OTHER HARBORS AND WATERWAYS--CONTINUED

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON- MILES	PASSENGERS
PROJECT--CONTINUED				
TUCKERTON CREEK, N. J.-----	0912 SHELLFISH, EXCEPT PREPARED-----	314	628	708
WATERWAY FROM INDIAN RIVER INLET TO REHOBOTH BAY, DEL.-----	NO COMMERCE REPORTED			
NONPROJECT				
MAHON RIVER, DEL.-----	0912 SHELLFISH, EXCEPT PREPARED-----	2,948		
	2911 GASOLINE-----	11,140		
	2912 JET FUEL-----	254,415		
	TOTAL-----	268,403	268,403	

## BALTIMORE, MD., DISTRICT

BALTIMORE HARBOR AND CHANNELS, MD.

SECTION INCLUDED: MOUTH OF PATAPSCO RIVER TO BALTIMORE, MD., CONTROLLING DEPTH: CAPE HENRY TO CRAIGHILL ENTRANCE 41.0 FEET. CRAIGHILL ENTRANCE TO FT. MCHENRY, 43.0 FEET; BRANCH CHANNEL RANGE FROM 15 TO 35 FEET; ANCHORAGE 1 AT 30 FEET, 3 AT 35 FEET. PROJECT DEPTH: CAPE HENRY TO FORT MCHENRY, BALTIMORE MD., 42 FEET; BRANCH CHANNELS RANGE FROM 15 TO 42 FEET; ANCHORAGES 30 FEET AND 35 FEET. CHANNELS RANGE FROM 15 TO 42 FEET; ANCHORAGES 30 FEET AND 35 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	ADDITIONAL TRAFFIC		YEAR	TONS	PASSENGERS	ADDITIONAL TRAFFIC	
			RAILROAD FREIGHT CARS	EMPTY				RAILROAD FREIGHT CARS	EMPTY
1971-----	44,002,785	98,347	-----	195	1976-----	52,437,192	169,946	-----	-----
1972-----	44,798,776	128,410	-----	171	1977-----	44,756,359	163,134	-----	-----
1973-----	53,786,715	182,579	-----	320	1978-----	46,809,090	178,147	-----	-----
1974-----	59,891,068	176,944	100	100	1979-----	51,444,637	283,437	-----	-----
1975-----	52,661,448	156,882	-----	-----	1980-----	50,841,515	374,193	-----	-----

## FREIGHT TRAFFIC, 1980

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	INTRA-STATE		INTER-STATE		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL-----	50,841,515	14,452,195	21,665,085	3,175,077	1,618,885	2,921,219	1,934,539	4,274,515
0101 COTTON, RAW-----	455	20	425	-----	10	-----	-----	-----
0102 BARLEY AND RYE-----	28,879	-----	28,879	-----	-----	-----	-----	-----
0103 CORN-----	4,919,320	393	4,872,739	-----	46,188	-----	-----	-----
0104 OATS-----	163	-----	163	-----	-----	-----	-----	-----
0105 RICE-----	666	81	585	-----	-----	-----	-----	-----
0106 SORGHUM GRAINS-----	88	-----	-----	-----	88	-----	-----	-----
0107 WHEAT-----	339,200	-----	339,200	-----	-----	-----	-----	-----
0111 SOYBEANS-----	732,985	-----	732,985	-----	-----	-----	-----	-----
0119 OILSEEDS, NEC-----	726	210	460	-----	56	-----	-----	-----
0121 TOBACCO, LEAF-----	55,361	29,372	25,527	393	69	-----	-----	-----
0122 HAY AND FODDER-----	37	-----	-----	-----	37	-----	-----	-----
0129 FIELD CROPS, NEC-----	742	445	245	21	31	-----	-----	-----
0131 FRESH FRUITS AND TREE NUTS-----	211,590	209,968	1,276	346	-----	-----	-----	-----
0132 BANANAS AND PLANTAINS-----	595	-----	595	-----	-----	-----	-----	-----
0133 COFFEE-----	8,114	8,108	6	-----	-----	-----	-----	-----
0134 COCOA BEANS-----	1,466	1,330	136	-----	-----	-----	-----	-----
0141 FRESH AND FROZEN VEGETABLES-----	13,560	1,658	9,283	1,863	756	-----	-----	-----
0161 ANIMALS AND PRODUCTS, NEC-----	5,055	2,611	2,424	2	18	-----	-----	-----
0191 MISCELLANEOUS FARM PRODUCTS-----	506	480	22	4	-----	-----	-----	-----
0841 CRUDE RUBBER AND ALLIED GUMS-----	76,352	75,075	1,113	-----	164	-----	-----	-----
0861 FOREST PRODUCTS, NEC-----	9,804	8,954	663	-----	18	169	-----	-----
0911 FRESH FISH, EXCEPT SHELLFISH-----	6,336	5,887	178	45	226	-----	-----	-----
0912 SHELLFISH, EXCEPT PREPARED-----	1,714	1,294	363	57	-----	-----	-----	-----
0931 MARINE SHELLS, UNMANUFACTURED-----	126,476	-----	-----	-----	23	126,453	-----	-----
1011 IRON ORE AND CONCENTRATES-----	5,885,134	5,897,595	731	-----	-----	-----	26,808	-----
1021 COPPER ORE AND CONCENTRATES-----	1,007	1,007	-----	-----	-----	-----	-----	-----
1051 ALUMINUM ORES, CONCENTRATES-----	487,279	486,519	760	-----	-----	-----	-----	-----
1061 MANGANESE ORES, CONCENTRATES-----	79,355	79,294	61	-----	-----	-----	-----	-----
1091 NONFERROUS ORES, CONCENT., NEC-----	288,147	259,884	7,351	-----	-----	-----	448	344
1121 COAL AND LIGNITE-----	15,789,449	-----	12,126,994	1	329,659	876,328	432,436	2,024,831
1311 CRUDE PETROLEUM-----	1,047,912	889,760	-----	111,606	-----	46,946	-----	-----
1411 LIMESTONE-----	688,830	677,040	11,790	-----	-----	-----	-----	-----
1412 BUILDING STONE, UNWORKED-----	172	-----	172	-----	-----	-----	-----	-----
1442 SAND, GRAVEL, CRUSHED ROCK-----	7,475	2,388	3,126	-----	757	-----	1,204	-----
1451 CLAY-----	137,932	116,987	21,211	134	-----	-----	-----	-----
1491 SALT-----	483,318	477,921	5,316	21	60	-----	-----	-----
1492 SULPHUR, DRY-----	5,166	-----	5,166	-----	20	-----	-----	-----
1493 SULPHUR, LIQUID-----	52,081	-----	-----	52,081	-----	-----	-----	-----
1499 NONMETALLIC MINERALS, NEC-----	27,182	23,293	3,827	21	41	-----	-----	-----
1911 ORDNANCE AND ACCESSORIES-----	1,985	799	955	231	-----	-----	-----	-----
2011 MEAT, FRESH, CHILLED, FROZEN-----	19,476	401	16,293	112	2,670	-----	-----	-----
2012 MEAT AND PRODUCTS, NEC-----	21,734	7,493	2,398	-----	11,843	-----	-----	-----
2014 TALLOW, ANIMAL FATS AND OILS-----	5,982	-----	5,961	421	-----	-----	-----	-----
2015 ANIMAL BY-PRODUCTS, NEC-----	10,231	-----	9,153	-----	1,078	-----	-----	-----
2021 DAIRY PRODUCTS, NEC-----	1,579	513	128	-----	940	-----	-----	-----
2022 DRIED MILK AND CREAM-----	3,546	123	1,755	-----	1,668	-----	-----	-----
2031 FISH AND SHELLFISH, PREPARED-----	34,356	8,033	268	26,043	10	-----	-----	-----
2034 VEGETABLES AND PREP., NEC-----	30,678	34,480	15,577	365	256	-----	-----	-----
2039 PREP FRUIT AND VEG JUICE, NEC-----	68,667	81,679	4,300	1,915	773	-----	-----	-----
2041 WHEAT FLOUR AND SEMOLINA-----	3,638	-----	2,399	-----	1,839	-----	-----	-----
2042 PREPARED ANIMAL FEEDS-----	247,003	279	239,030	3,114	4,980	-----	-----	-----
2049 GRAIN MILL PRODUCTS, NEC-----	22,092	1,631	14,851	119	5,491	-----	-----	-----
2061 SUGAR-----	981,275	187,305	82,238	311,478	254	-----	-----	-----
2062 MOLASSES-----	88,119	76,942	276	10,901	-----	-----	-----	-----
2081 ALCOHOLIC BEVERAGES-----	124,101	92,204	7,137	72,939	1,821	-----	-----	-----
2091 VEGETABLE OILS, MARG., SHORT-----	17,066	3,504	2,227	7,734	3,601	-----	-----	-----
2092 ANIMAL OILS AND FATS, NEC-----	56	54	2	-----	-----	-----	-----	-----
2094 GROCERIES-----	931	-----	-----	-----	931	-----	-----	-----
2099 MISCELLANEOUS FOOD PRODUCTS-----	106,806	32,554	34,537	1,814	37,885	16	-----	-----
2111 TOBACCO MANUFACTURES-----	33,038	1,020	30,591	110	1,317	-----	-----	-----
2211 BASIC TEXTILE PRODUCTS-----	48,882	19,472	27,124	1,271	1,815	-----	-----	-----
2212 TEXTILE FIBERS, NEC-----	653	-----	-----	-----	60	-----	-----	-----
2311 APPAREL-----	16,690	9,132	2,966	4,207	411	-----	-----	-----
2411 LOGS-----	108,918	333	108,574	-----	11	-----	-----	-----
2413 FUEL WOOD, CHARCOAL, WASTES-----	10,630	9,482	864	-----	20	484	-----	-----
2414 TIMBER, POSTS, POLES, PILING-----	1,477	-----	791	-----	686	-----	-----	-----
2416 WOOD CHIPS, STAVES, HOLDINGS-----	94	2	92	-----	-----	-----	-----	-----
2421 LUMBER-----	155,976	99,269	56,679	-----	20	-----	-----	-----
2431 VENEER, PLYWOOD, WORKED WOOD-----	39,973	8,524	31,368	46	15	-----	-----	-----

## BALTIMORE, MD., DISTRICT

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BALTIMORE HARBOR AND CHANNELS, MD.--CONTINUED

FREIGHT TRAFFIC, 1988--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	COASTWISE RECEIPTS SHIPMENTS	INTERNAL RECEIPTS SHIPMENTS	
2491 WOOD MANUFACTURES, NEC-----	40,168	5,487	32,533	525	1,503	
2511 FURNITURE AND FIXTURES-----	36,865	10,089	11,046	87	7,983	
2611 PULP-----	5,674	385	5,289			
2621 STANDARD NEWSPRINT PAPER-----	3,372				3,372	
2631 PAPER AND PAPERBOARD-----	133,448	57,346	68,955	34	3,707	3,406
2691 PULP AND PAPER PRODUCTS, NEC-----	37,205	1,385	21,465	1,513	12,842	
2711 PRINTED MATTER-----	11,489	3,771	6,800	455	463	
2810 SODIUM HYDROXIDE-----	40,793			40,793		
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	49,291	81	1,724		47,315	15
2812 DYES, PIGMENT, TANNING MATS-----	2,350		2,238	112		156
2813 ALCOHOLS-----	6,312		186	5,452	674	
2814 RADIOACTIVE MATERIALS, WASTES-----	1,030	579	449		22	
2817 BENZENE AND TOLUENE-----	18,405				11,043	7,362
2818 SULPHURIC ACID-----	437,274			18,010	5,108	125,582
2819 BASIC CHEMICALS AND PROD. NEC-----	313,130	124,343	159,366	14,055	15,426	81,790
2821 PLASTIC MATERIALS-----	206,912	10,894	189,457	246	6,355	206,792
2822 SYNTHETIC RUBBER-----	25,093		25,070	23		
2823 SYNTHETIC (MAN-MADE) FIBERS-----	28,575	2,008	26,530	4	31	
2831 DRUGS-----	10,670	1,713	4,679	2,765	1,915	
2841 SOAP-----	30,580	1,996	11,800	4,892	11,802	
2851 PAINTS-----	41,307	27,638	11,908	37	1,724	
2861 GUM AND WOOD CHEMICALS-----	1,655	988	1,046	21		
2871 NITROGENOUS CHEM FERTILIZERS-----	149,744	85,968	7,767	20,628	158	20,197
2872 POTASSIC CHEM FERTILIZERS-----	32			32		15,026
2873 PHOSPHATIC CHEM FERTILIZERS-----	90,963	78,749			12,214	
2876 INSECTICIDES, DISINFECTANTS-----	5,565	2,484	2,837	18	226	
2879 FERTILIZER AND MATERIALS, NEC-----	7,467	574	6,743		150	
2891 MISCELLANEOUS CHEMICAL PROD-----	71,724	20,796	49,869	164	865	
2911 GASOLINE-----	595,258	66,524	4,483	50,815	6,198	249,809
2912 JET FUEL-----	64,687			8,052	52,762	201,949
2913 KEROSENE-----	42,966			32,455	2,141	7,280
2914 DISTILLATE FUEL OIL-----	1,127,132		124	168,640	217,917	449,518
2915 RESIDUAL FUEL OIL-----	6,345,259	1,474,841		1,500,184	395,442	745,663
2916 LUBRICATING OILS AND GREASES-----	89,133	10,399	34,393	5,134	1,450	37,777
2917 NAPHTHA, PETROLEUM SOLVENTS-----	28,413			28,394	17	
2918 ASPHALT, TAR, AND BITUMENS-----	454,398	21	641	194,778	116,820	4,503
2920 COKE, PETROLEUM COKE-----	34,379	108	32,212			137,635
2921 LIQUEFIED GASES-----	967,513	966,548	733		232	2,059
2951 ASPHALT BUILDING MATERIALS-----	4,996		4,272	48	676	
2991 PETROLEUM AND COAL PROD. NEC-----	124,083	652	10,747	108,121	440	2,158
3011 RUBBER AND MISC PLASTIC PROD-----	105,685	61,094	27,694	4,154	12,254	489
3111 LEATHER AND LEATHER PRODUCTS-----	17,429	8,213	3,535	5,409	272	1,905
3211 GLASS AND GLASS PRODUCTS-----	111,148	16,370	85,748	138	8,892	
3241 BUILDING CEMENT-----	256,780	145	1,048	292,440	3,697	
3251 STRUCTURAL CLAY PRODUCTS-----	90,844	35,337	47,485		8,022	
3271 LIME-----	86					
3281 CUT STONE AND STONE PRODUCTS-----	19,504	10,850	272		382	
3291 MISC NONMETALLIC MINERAL PROD-----	30,699	12,804	36,184	158	1,753	
3312 SLAG-----	134,137					134,137
3314 IRON AND STEEL PRIMARY FORMS-----	34,032	9,149	14,830		53	
3315 IRON, STEEL SHAPES, EXC SHEET-----	159,337	117,780	32,774	76	8,214	493
3316 IRON AND STEEL PLATES, SHEETS-----	519,081	25,282	437,693		3,018	11,995
3317 IRON AND STEEL PIPE AND TUBE-----	93,506	26,936	42,643	2,811	21,096	40,933
3318 FERROALLOYS-----	236,747	217,101	2,621		342	6,738
3319 IRON AND STEEL PRODUCTS, NEC-----	57,572	21,969	33,461	1,009	1,133	169
3321 NONFERROUS METALS, NEC-----	92,359	37,694	4,877	173	22,236	7,379
3322 COPPER ALLOYS, UNWORKED-----	7,562	68,040	6,412	54	56	
3323 LEAD AND ZINC, UNWORKED-----	21,092	2,860	18,170	18	44	
3324 ALUMINUM AND ALLOYS, UNWORKED-----	111,213	8,195	87,706	5	4,156	1,061
3411 FABRICATED METAL PRODUCTS-----	268,095	125,993	124,148	1,455	15,838	388
3511 MACHINERY, EXCEPT ELECTRICAL-----	652,423	220,471	418,617	8,492	4,537	306
3611 ELECTRICAL MACH AND EQUIP-----	216,879	30,750	154,119	14,336	17,680	
3711 MOTOR VEHICLES, PARTS, EQUIP-----	669,415	463,895	171,815	19,859	13,846	
3721 AIRCRAFT AND PARTS-----	542	44			53	
3731 SHIPS AND BOATS-----	5,435	1,639	3,610	164	2	
3791 MISC TRANSPORTATION EQUIPMENT-----	33,433	19,280	13,878	108	169	
3811 INSTR, TIME, PHOTO, OPT GOODS-----	8,617	2,796	5,435	283	103	
3911 MISC MANUFACTURED PRODUCTS-----	33,638	17,022	9,310	5,337	1,969	
4011 IRON AND STEEL SCRAP-----	89,539	134	74,931	3,319		11,155
4012 NONFERROUS METAL SCRAP-----	93,341	10,441	70,474	9,772		2,694
4022 TEXTILE WASTE, SCRAP, SWEEP-----	22,867		21,963	435	469	
4024 PAPER WASTE AND SCRAP-----	37,361		37,356	4	1	
4029 WASTE AND SCRAP, NEC-----	19			19		
4111 WATER-----	61,516				61	16,895
4112 COMMODITIES, NEC-----	644,395	15,254	11,268	78,249	97,787	198,683
4119 EMPTY CONTAINERS-----	34				34	243,086
9999 DEPARTMENT OF DEFENSE AND SCI-----	19,104		19,104			240
TOTAL TON-MILES, 414,952,822.						

## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

## NANTICOKE RIVER (INCLUDING NORTHWEST FORK), DEL. AND MD.

SECTION INCLUDED: NANTICOKE RIVER FROM MOUTH TO SEAFORD, DEL.; NORTHWEST FORK FROM MOUTH TO FEDERALSBURG, MD. CONTROLLING DEPTH: NANTICOKE RIVER, 15.8 FEET TO HAWKS NEST SHOAL; 12.0 FEET IN SEAFORD, DEL.; NORTHWEST FORK, 3 FEET; PROJECT DEPTH: NANTICOKE RIVER, 12 FEET TO SEAFORD, DEL., NORTHWEST FORK, 6 FEET TO 0.5 MILE BELOW FEDERALSBURG, MD.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971-----	467,409	1976-----	777,022
1972-----	594,890	1977-----	581,814
1973-----	795,165	1978-----	472,929
1974-----	789,748	1979-----	510,183
1975-----	597,919	1980-----	361,185

## FREIGHT TRAFFIC, 1980

## DOMESTIC

## (SHORT TONS)

COMMODITY	TOTAL	INTERNAL	
		INBOUND	OUTBOUND
TOTAL-----	361,185	290,849	70,336
0102 BARLEY AND RYE-----	10,052	-----	10,052
0103 CORN-----	6,495	6,495	-----
0107 WHEAT-----	14,134	-----	14,134
0111 SOYBEANS-----	38,380	-----	38,380
0911 FRESH FISH, EXCEPT SHELLFISH-----	249	249	-----
0912 SHELLFISH, EXCEPT PREPARED-----	14,209	14,209	-----
0931 MARINE SHELLS, UNMANUFACTURED-----	1,600	-----	1,600
2415 PULPHOOD, LOG-----	6,170	-----	6,170
2871 NITROGENOUS CHEM FERTILIZERS-----	28,113	28,113	-----
2873 PHOSPHATIC CHEM FERTILIZERS-----	1,594	1,594	-----
2911 GASOLINE-----	27,690	27,690	-----
2913 KEROSENE-----	2,830	2,830	-----
2914 DISTILLATE FUEL OIL-----	84,217	84,217	-----
2915 RESIDUAL FUEL OIL-----	117,544	117,544	-----
2918 ASPHALT, TAR, AND PITCHES-----	7,636	7,636	-----
3731 SHIPS AND BOATS-----	272	272	-----
TOTAL TON-MILES, 12,140,620.			

## WICOMICO RIVER, MD., (EASTERN SHORE)

SECTION INCLUDED: FROM MOUTH TO SALISBURY, MD. CONTROLLING DEPTH: 11.5 FEET IN MAIN RIVER; BRANCH CHANNELS RANGE FROM 2 TO 10 FEET; 4.5 FEET TO AND IN BOAT BASIN AT WEBSTER COVE. PROJECT DEPTH: 14 FEET TO MAIN STREET BRIDGE AND IN PRONGS AT SALISBURY; 6 FEET TO AND IN SMALL BOAT BASIN AT WEBSTER COVE.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971-----	738,411	1976-----	827,076
1972-----	804,331	1977-----	837,137
1973-----	843,888	1978-----	947,885
1974-----	770,508	1979-----	878,249
1975-----	808,711	1980-----	993,074

## FREIGHT TRAFFIC, 1980

## DOMESTIC

## (SHORT TONS)

COMMODITY	TOTAL	INTERNAL			
		INBOUND	OUTBOUND	UPBOUND	DOWNBOUND
TOTAL-----	993,074	901,611	89,286	1,461	778
0103 CORN-----	79,744	31,352	48,392	-----	-----
0107 WHEAT-----	13,412	-----	13,412	-----	-----
0111 SOYBEANS-----	30,280	2,808	27,480	-----	-----
0911 FRESH FISH, EXCEPT SHELLFISH-----	15	15	-----	-----	-----
0912 SHELLFISH, EXCEPT PREPARED-----	1,071	1,071	-----	-----	-----
1442 SAND, GRAVEL, CRUSHED ROCK-----	5,892	5,892	-----	-----	-----
2414 TIMBER, POSTS, POLES, PILING-----	7,398	7,398	-----	-----	-----
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	1,501	1,501	-----	-----	-----
2817 BENZENE AND TOLUENE-----	689	689	-----	-----	-----
2911 GASOLINE-----	478,655	477,441	-----	436	778
2913 KEROSENE-----	39,050	39,385	-----	473	-----
2914 DISTILLATE FUEL OIL-----	193,139	192,647	-----	492	-----
2915 RESIDUAL FUEL OIL-----	69,405	69,405	-----	-----	-----
2918 ASPHALT, TAR, AND PITCHES-----	2,102	2,102	-----	-----	-----
2991 PETROLEUM AND COAL PROD, NEC-----	426	426	-----	-----	-----
3312 SLAG-----	69,407	69,407	-----	-----	-----
TOTAL TON-MILES, 24,620,131.					

## BALTIMORE, MD., DISTRICT

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## WASHINGTON HARBOR, D. C.

SECTION INCLUDED: ANACOSTIA RIVER, WASHINGTON CHANNEL AND VIRGINIA CHANNEL, CONTROLLING DEPTH: ANACOSTIA RIVER, 17.5 FEET FROM MOUTH TO 11TH STREET, BALANCE OF RIVER RANGES FROM 6 TO 16 FEET; WASHINGTON CHANNEL, 14 FEET FROM JAINES POINT TO 7TH STREET, 17 FEET TO 12TH STREET; VIRGINIA CHANNEL, 11.4 FEET FROM GIESBORO POINT TO KEY BRIDGE, PROJECT DEPTH: 24 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1971-----	2,615,242	-----	1976-----	1,538,121	319,689
1972-----	1,961,286	-----	1977-----	1,537,085	398,207
1973-----	2,138,859	461,120	1978-----	1,371,884	-----
1974-----	1,412,631	298,838	1979-----	1,086,989	-----
1975-----	1,405,913	278,937	1980-----	857,951	100,317

## FREIGHT TRAFFIC, 1980

## DOMESTIC

## (SHORT TONS)

COMMODITY	INTERNAL RECEIPTS
TOTAL-----	857,951
2012 JET FUEL-----	130,597
2014 DISTILLATE FUEL OIL-----	224,808
2015 RESIDUAL FUEL OIL-----	502,586

## ANACOSTIA RIVER, D.C. (INCLUDED IN WASHINGTON HARBOR, D.C.)

SECTION INCLUDED: MOUTH TO MAGRUDER BRIDGE, 6.6 MILES, CONTROLLING DEPTH: 17.5 FEET TO 11TH STREET BRIDGE, 2.1 MILES UPSTREAM OF MOUTH; BALANCE OF WATERWAY RANGES FROM 6 TO 16 FEET, PROJECT DEPTH: 24 FEET TO FOOT OF 15TH STREET SE.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971-----	2,485,742	1976-----	1,538,121
1972-----	1,840,936	1977-----	1,536,957
1973-----	2,121,851	1978-----	1,367,187
1974-----	1,412,631	1979-----	1,086,989
1975-----	1,405,913	1980-----	857,951

## FREIGHT TRAFFIC, 1980

## DOMESTIC

## (SHORT TONS)

COMMODITY	INTERNAL RECEIPTS
TOTAL-----	857,951
2012 JET FUEL-----	130,597
2014 DISTILLATE FUEL OIL-----	224,808
2015 RESIDUAL FUEL OIL-----	502,586
TOTAL TON-MILES, 1,703,992.	

## POTOMAC RIVER BELOW WASHINGTON, D. C.

SECTION INCLUDED: FROM MOUTH TO GIESBORO POINT AT WASHINGTON, D. C., 108 MILES, CONTROLLING DEPTH: 20.5 FEET AT LOWER SMITH POINT BARI 23.0 FEET 1 MILE SOUTH OF WOODROW WILSON BRIDGE, PROJECT DEPTH: 24 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1971-----	8,639,605	26,790	1976-----	6,037,072	343,173
1972-----	7,659,645	20,140	1977-----	6,476,344	406,400
1973-----	8,074,896	471,840	1978-----	5,427,898	-----
1974-----	6,633,521	300,844	1979-----	5,204,930	-----
1975-----	5,205,169	294,040	1980-----	4,292,390	71,579

## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

POTOMAC RIVER BELOW WASHINGTON, D. C.--CONTINUED

FREIGHT TRAFFIC, 1980

OCEANGOING

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC COASTWISE	
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS
TOTAL-----	1,386,672	1,066,392	1,375	231,673	87,432
0141 FRESH AND FROZEN VEGETABLES-----	13	13	13	-----	-----
2611 PULP-----	16	16	-----	-----	-----
2631 PAPER AND PAPERBOARD-----	173,024	171,662	1,362	-----	-----
2911 GASOLINE-----	29,075	-----	-----	12,076	16,999
2912 JET FUEL-----	12,584	-----	-----	12,584	-----
2915 RESIDUAL FUEL OIL-----	1,101,712	894,699	-----	287,013	-----
2918 ASPHALT, TAR, AND PITCHES-----	70,433	-----	-----	-----	70,433
4012 NONFERROUS METAL SCRAP-----	14	14	-----	-----	-----
4112 COMMODITIES, NEC-----	1	1	-----	-----	-----
TON-MILES, OCEANGOING, 94,999,777.					

## INTERNAL

(SHORT TONS)

COMMODITY	TOTAL	INBOUND		OUTBOUND		THROUGH	
		UPBOUND	DOWNBOUND	UPBOUND	DOWNBOUND	UPBOUND	DOWNBOUND
TOTAL-----	2,905,478	1,272,369	751,781	288,518	413,202	48,639	130,585
0911 FRESH FISH, EXCEPT SHELLFISH-----	1,279	-----	-----	1,207	-----	72	-----
0912 SHELLFISH, EXCEPT PREPARED-----	11,269	-----	320	8,874	-----	2,075	-----
0931 MARINE SHELLS, UNMANUFACTURED-----	99,565	33,233	-----	-----	-----	21,946	384
2911 GASOLINE-----	82,374	36,212	-----	46,162	-----	-----	-----
2912 JET FUEL-----	183,360	41,321	107,793	11,482	-----	22,804	-----
2914 DISTILLATE FUEL OIL-----	395,919	123,079	173,432	-----	48,032	51,376	-----
2915 RESIDUAL FUEL OIL-----	1,788,181	743,328	470,276	156,618	376,842	607	32,310
2918 ASPHALT, TAR, AND PITCHES-----	395,931	294,996	-----	64,175	36,360	-----	-----
TON-MILES, INTERNAL, 177,325,538.							
TONS, ALL TRAFFIC, 4,292,390.							
TON-MILES, ALL TRAFFIC, 272,325,315.							

## BALTIMORE, MD., DISTRICT

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## OTHER HARBORS AND WATERWAYS

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON-MILES	PASSENGERS
PROJECT				
ANNAPOLIS HARBOR, MD.-----	0012 SHELLFISH, EXCEPT PREPARED-----	65	65	60.787
AQUIA CREEK, VA.-----	NO COMMERCE REPORTED			
BACK CREEK, ANNE ARUNDEL COUNTY, MD.-----	0011 FRESH FISH, EXCEPT SHELLFISH-----	1		
	0012 SHELLFISH, EXCEPT PREPARED-----	1,707		
	TOTAL-----	1,708	1,708	
BETTERTON HARBOR, MD.-----	NO COMMERCE REPORTED			
BLACK WALNUT HARBOR, MD.-----	NO COMMERCE REPORTED			
BONUM CREEK, VA.-----	NO COMMERCE REPORTED			
BRANSON'S COVE, VA.-----	0011 FRESH FISH, EXCEPT SHELLFISH-----	60		
	0012 SHELLFISH, EXCEPT PREPARED-----	2,400		
	0031 MARINE SHELLS, UNMANUFACTURED-----	2,040		
	TOTAL-----	4,500	4,500	
BRETON BAY, MD.-----	0012 SHELLFISH, EXCEPT PREPARED-----	53	316	
BROAD CREEK RIVER, DEL.-----	NO COMMERCE REPORTED			
BROAD CREEK, SOMERSET COUNTY, MD.-----	0031 MARINE SHELLS, UNMANUFACTURED-----	11,581	23,162	
BROADWATER CREEK, MD.-----	NO COMMERCE REPORTED			
CADLE CREEK, MD.-----	NO COMMERCE REPORTED			
CAMBRIDGE HARBOR, MD.-----	0011 FRESH FISH, EXCEPT SHELLFISH-----	47,175		
	0012 SHELLFISH, EXCEPT PREPARED-----	875		
	1442 SAND, GRAVEL, CRUSHED ROCK-----	7,184		
	2031 FISH AND SHELLFISH, PREPARED-----	4		
	2092 ANIMAL OILS AND FATS, NEC-----	48		
	3312 SLAG-----	27,020		
	TOTAL-----	82,306	82,306	
CHANNEL TO ISLAND CREEK, ST. GEORGE ISLAND, MD.-----	NO COMMERCE REPORTED			
CHESTER RIVER, MD.-----	0011 FRESH FISH, EXCEPT SHELLFISH-----	209		
	0012 SHELLFISH, EXCEPT PREPARED-----	7,566		
	0031 MARINE SHELLS, UNMANUFACTURED-----	59,743		
	2011 GASOLINE-----	9,071		
	2014 DISTILLATE FUEL OIL-----	13,934		
	TOTAL-----	90,523	1,273,782	
CHOPTANK RIVER, MD.-----	0011 FRESH FISH, EXCEPT SHELLFISH-----	47,177		
	0012 SHELLFISH, EXCEPT PREPARED-----	18,014		
	0031 MARINE SHELLS, UNMANUFACTURED-----	20,131		
	1442 SAND, GRAVEL, CRUSHED ROCK-----	22,734		
	2031 FISH AND SHELLFISH, PREPARED-----	4		
	2092 ANIMAL OILS AND FATS, NEC-----	48		
	2011 GASOLINE-----	16,873		
	2013 KEROSENE-----	1,322		
	2014 DISTILLATE FUEL OIL-----	30,260		
	2015 RESIDUAL FUEL OIL-----	331		
	2018 ASPHALT, TAR, AND PITCHES-----	527		
	3312 SLAG-----	89,805		
	TOTAL-----	247,226	3,459,994	13,410
CLAIBORNE HARBOR, MD.-----	NO COMMERCE REPORTED			
COAN RIVER, VA.-----	0011 FRESH FISH, EXCEPT SHELLFISH-----	90		
	0012 SHELLFISH, EXCEPT PREPARED-----	2,524		
	0031 MARINE SHELLS, UNMANUFACTURED-----	3,392		
	TOTAL-----	6,006	12,612	
CORSICA RIVER, MD.-----	NO COMMERCE REPORTED			
CRISFIELD HARBOR, MD.-----	0011 FRESH FISH, EXCEPT SHELLFISH-----	209		
	0012 SHELLFISH, EXCEPT PREPARED-----	12,856		
	0031 MARINE SHELLS, UNMANUFACTURED-----	3,520		
	1121 COAL AND LIGNITE-----	5		
	2094 GROCERIES-----	79		
	2095 ICE-----	4		
	3411 FABRICATED METAL PRODUCTS-----	9		
	4029 WASTE AND SCRAP, NEC-----	11		
	4112 COMMODITIES, NEC-----	70		
	TOTAL-----	16,755	71,094	19,111
CUCKOLD CREEK, MD.-----	NO COMMERCE REPORTED			
CUNNINGHILL COVE, MD.-----	0011 FRESH FISH, EXCEPT SHELLFISH-----	20	20	
DUCK POINT COVE, MD.-----	NO COMMERCE REPORTED			
ELK AND LITTLE ELK RIVERS, MD.-----	NO COMMERCE REPORTED			
FISHING BAY TRIBUTARIES, DORCHESTER COUNTY, MD.-----	0011 FRESH FISH, EXCEPT SHELLFISH-----	683		
	0012 SHELLFISH, EXCEPT PREPARED-----	19,961		
	0031 MARINE SHELLS, UNMANUFACTURED-----	8,155		
	TOTAL-----	26,319	146,725	



## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

## OTHER HARBORS AND WATERWAYS--CONTINUED

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON- MILES	PASSENGERS
PROJECT--CONTINUED				
FISHING CREEK, CALVERT COUNTY, MD.-----	NO COMMERCE REPORTED			
JOOSE CREEK, SOMMERSET COUNTY, MD.-----	0012 SHELLFISH, EXCEPT PREPARED-----	109	109	
HERRING BAY AND ROCKHOLD CREEK, MD.-----	0011 FRESH FISH, EXCEPT SHELLFISH-----	730		
	0012 SHELLFISH, EXCEPT PREPARED-----	1,206		
	TOTAL-----	1,936	1,936	
HERRING CREEK, MD.-----	NO COMMERCE REPORTED			
HONGA RIVER AND TAY BAY, MD.-----	0011 FRESH FISH, EXCEPT SHELLFISH-----	1,168		
	0012 SHELLFISH, EXCEPT PREPARED-----	16,747		
	0031 MARINE SHELLS, UNMANUFACTURED-----	19,798		
	TOTAL-----	37,703	79,929	
ISLAND CREEK, MD.-----	NO COMMERCE REPORTED			
KNAPPS NARROWS, MD.-----	0011 FRESH FISH, EXCEPT SHELLFISH-----	13		
	0012 SHELLFISH, EXCEPT PREPARED-----	7,709		
	0031 MARINE SHELLS, UNMANUFACTURED-----	1,024		
	TOTAL-----	8,746	8,746	
LA TRAPPE RIVER, MD.-----	NO COMMERCE REPORTED			
LAKE OGLETON, MD.-----	NO COMMERCE REPORTED			
LITTLE CREEK, QUEEN ANNES COUNTY, MD.-----	0012 SHELLFISH, EXCEPT PREPARED-----	1,809	1,809	
LITTLE WICOMICO RIVER, VA.-----				13,905
LOWER MACHODOC CREEK, VA.-----	0011 FRESH FISH, EXCEPT SHELLFISH-----	192		
	0012 SHELLFISH, EXCEPT PREPARED-----	3,304		
	0031 MARINE SHELLS, UNMANUFACTURED-----	3,853		
	TOTAL-----	7,349	19,206	
LOWER THOROUGHFARE AT OR NEAR WENONA, DEAL ISLAND, MD.-----	0012 SHELLFISH, EXCEPT PREPARED-----	4,048	4,048	
LOWES WHARF, TALBOT COUNTY, MD.-----	0012 SHELLFISH, EXCEPT PREPARED-----	4,225		
	0031 MARINE SHELLS, UNMANUFACTURED-----	45,999		
	TOTAL-----	50,224	50,224	
MANOKIN RIVER, MD.-----	0011 FRESH FISH, EXCEPT SHELLFISH-----	14		
	0012 SHELLFISH, EXCEPT PREPARED-----	5,094		
	0031 MARINE SHELLS, UNMANUFACTURED-----	4,579		
	TOTAL-----	9,687	47,815	
MIDDLE RIVER AND DARK HEAD CREEK, MD.-----	NO COMMERCE REPORTED			
MILL CREEK, MD.-----	NO COMMERCE REPORTED			
MONROE BAY AND CREEK, VA.-----	0012 SHELLFISH, EXCEPT PREPARED-----	320	320	
MUDDY HOOK AND TYLER COVES, MD.-----	0011 FRESH FISH, EXCEPT SHELLFISH-----	5		
	0012 SHELLFISH, EXCEPT PREPARED-----	656		
	TOTAL-----	661	661	
NAN COVE, MD.-----	NO COMMERCE REPORTED			
NANTICOKE RIVER AT RIVALVE, MD.-----	NO COMMERCE REPORTED			
NANTICOKE RIVER AT NANTICOKE, MD.-----	0011 FRESH FISH, EXCEPT SHELLFISH-----	249		
	0012 SHELLFISH, EXCEPT PREPARED-----	14,209		
	0031 MARINE SHELLS, UNMANUFACTURED-----	1,600		
	TOTAL-----	16,058		
NEALE SOUND, MD.-----	NO COMMERCE REPORTED			
NOMINI BAY AND CREEK, VA.-----	0011 FRESH FISH, EXCEPT SHELLFISH-----	375		
	0012 SHELLFISH, EXCEPT PREPARED-----	66		
	TOTAL-----	441	1,171	
NORTHEAST RIVER, MD.-----	0011 FRESH FISH, EXCEPT SHELLFISH-----	80	480	400
OCCOQUAN CREEK, VA.-----	NO COMMERCE REPORTED			
OCEAN CITY HARBOR AND INLET AND SINEPUXENT BAY, MD.-----	0011 FRESH FISH, EXCEPT SHELLFISH-----	1,362		
	0012 SHELLFISH, EXCEPT PREPARED-----	42,726		
	TOTAL-----	44,288	575,744	
PARISH CREEK, MD.-----	0012 SHELLFISH, EXCEPT PREPARED-----	304	304	
PATUXENT RIVER, MD.-----	0011 FRESH FISH, EXCEPT SHELLFISH-----	61		
	0012 SHELLFISH, EXCEPT PREPARED-----	3,800		
	0031 MARINE SHELLS, UNMANUFACTURED-----	768		
	2011 GASOLINE-----	20,306		
	2012 JET FUEL-----	29,720		
	2013 KEROSENE-----	427		
	2014 DISTILLATE FUEL OIL-----	18,095		

## BALTIMORE, MD., DISTRICT

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OTHER HARBORS AND WATERWAYS--CONTINUED

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON- MILES	PASSENGERS
PROJECT--CONTINUED				
PATUXENT RIVER, MD. (CONTINUED)-----	2015 RESIDUAL FUEL OIL-----	14,094		
	TOTAL-----	80,171	389,840	704
POCOHOCKE RIVER, MD.-----	2416 WOOD CHIPS, STAVES, MOLDINGS-----	123,853		
	2011 GASOLINE-----	15,189		
	2014 DISTILLATE FUEL OIL-----	4,976		
	2015 RESIDUAL FUEL OIL-----	3,407		
	TOTAL-----	149,825	2,709,218	
POTOMAC RIVER AT ALEXANDRIA, VA.-----	0141 FRESH AND FROZEN VEGETABLES-----	13		
	2611 PULP-----	16		
	2631 PAPER AND PAPERBOARD-----	173,024		
	4012 NONFERROUS METAL SCRAP-----	14		
	4112 COMMODITIES, NEC-----	1		
	TOTAL-----	173,068		
POTOMAC RIVER AT LOWER CEDAR POINT, MD.-----	0031 MARINE SHELLS, UNMANUFACTURED-----	20,748		
POTOMAC RIVER AT MT. VERNON, VA.-----				71,579
POTOMAC RIVER, VIRGINIA CHANNEL, D. C. (INCLUDED IN WASHINGTON HARBOR, D. C.)-----				20,738
POTOMAC RIVER, WASHINGTON CHANNEL, D. C. (INCLUDED IN REPORT FOR WASHINGTON HARBOR, D. C.)-----				71,579
QUEENSTOWN HARBOR, MD.-----	NO COMMERCE REPORTED			
RHODES POINT TO TYLERTON, SOMERSET COUNTY, MD.-----	NO COMMERCE REPORTED			
ROCK HALL HARBOR, MD.-----	0011 FRESH FISH, EXCEPT SHELLFISH-----	63		
	0012 SHELLFISH, EXCEPT PREPARED-----	308		
	TOTAL-----	371	371	
SLAUGHTER CREEK, MD.-----	0012 SHELLFISH, EXCEPT PREPARED-----	1,040		
	0031 MARINE SHELLS, UNMANUFACTURED-----	16		
	TOTAL-----	1,056	3,168	
SMITH CREEK, MD.-----	0012 SHELLFISH, EXCEPT PREPARED-----	360		
	0031 MARINE SHELLS, UNMANUFACTURED-----	8,734		
	TOTAL-----	9,094	9,094	
ST. CATHERINES SOUND, MD.-----	NO COMMERCE REPORTED			
ST. JEROME CREEK, MD.-----	0011 FRESH FISH, EXCEPT SHELLFISH-----	1		2
ST. MICHAELS HARBOR, MD.-----	0011 FRESH FISH, EXCEPT SHELLFISH-----	12		
	0012 SHELLFISH, EXCEPT PREPARED-----	36,147		
	TOTAL-----	36,159	26,469	6,854
ST. PATRICKS CREEK, MD.-----	NO COMMERCE REPORTED			
ST. PETERS CREEK, MD.-----	NO COMMERCE REPORTED			
SUSQUEHANNA RIVER ABOVE AND BELOW HAVRE DE GRACE, MD.-----	0011 FRESH FISH, EXCEPT SHELLFISH-----	162		
	0012 SHELLFISH, EXCEPT PREPARED-----	3		
	1442 SAND, GRAVEL, CRUSHED ROCK-----	27,422		
	2871 NITROGENOUS CHEM FERTILIZERS-----	7,056		
	2014 DISTILLATE FUEL OIL-----	4,892		
	3312 SLAG-----	29,079		
	3711 MOTOR VEHICLES, PARTS, EQUIP-----	200		
	TOTAL-----	64,810	289,483	
TILGHMAN ISLAND HARBOR, MD.-----	NO COMMERCE REPORTED			
TOWN CREEK, MD.-----				2,560
TRED AVON RIVER, MD.-----	0012 SHELLFISH, EXCEPT PREPARED-----	1		
	0031 MARINE SHELLS, UNMANUFACTURED-----	4,169		
	1442 SAND, GRAVEL, CRUSHED ROCK-----	19,590		
	2011 GASOLINE-----	16,873		
	2013 KEROSENE-----	1,322		
	2014 DISTILLATE FUEL OIL-----	30,260		
	2015 RESIDUAL FUEL OIL-----	331		
	2016 ASPHALT, TAR, AND PITCHES-----	527		
	3312 SLAG-----	62,789		
	TOTAL-----	131,818	1,280,652	112,769
TWITCH COVE AND BIG THOROUGHFARE RIVER, MD.-----	0011 FRESH FISH, EXCEPT SHELLFISH-----	12		
	0012 SHELLFISH, EXCEPT PREPARED-----	23,503		
	0031 MARINE SHELLS, UNMANUFACTURED-----	6,880		
	1121 COAL AND LIGNITE-----	11		
	2004 GROCERIES-----	121		
	2005 ICE-----	4		
	2011 GASOLINE-----	421		
	2013 KEROSENE-----	173		
	2014 DISTILLATE FUEL OIL-----	923		
	3411 FABRICATED METAL PRODUCTS-----	8		
	3011 MISC MANUFACTURED PRODUCTS-----	1		

## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

## OTHER HARBORS AND WATERWAYS--CONTINUED

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON- MILES	PASSENGERS
PROJECT--CONTINUED				
TWITCH COVE AND RIG THOROUGHFARE RIVER, MD, (CONTINUED)-----	4029 WASTE AND SCRAP, NEC-----	11	-----	-----
	4112 COMMODITIES, NEC-----	72	-----	-----
	TOTAL-----	32,140	64,993	696
TVASKIN CREEK, MD,-----	NO COMMERCE REPORTED			
UPPER MACODOC CREEK, VA,-----	NO COMMERCE REPORTED			
UPPER THOROUGHFARE, DEAL ISLAND, MD,-----	0012 SHELLFISH, EXCEPT PREPARED-----	1,151	-----	-----
	0031 MARINE SHELLS, UNMANUFACTURED-----	696	-----	-----
	TOTAL-----	1,847	1,847	-----
HARMICK RIVER, MD,-----	0012 SHELLFISH, EXCEPT PREPARED-----	20	40	-----
WATERWAY FROM LITTLE CHOPTANK RIVER TO CHOPTANK RIVER, MD,--	NO COMMERCE REPORTED			

# NORFOLK, VA., DISTRICT

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## NORFOLK HARBOR, VA.

SECTION INCLUDED: FROM 45-FOOT CONTOUR IN HAMPTON ROADS TO NORFOLK & WESTERN (FORMERLY VIRGINIA) RAILWAY BRIDGE CROSSING SOUTHERN BRANCH OF ELIZABETH RIVER, 14.78 MILES; THENCE UPSTREAM IN SOUTHERN BRANCH, 4.85 MILES; IN EASTERN BRANCH, 2.84 MILES UPSTREAM FROM THE MOUTH OF THAT BRANCH; IN WESTERN BRANCH, 1.72 MILES UPSTREAM FROM THE MOUTH OF THAT BRANCH; AND 0.73 MILES IN SCOTTS CREEK. CONTROLLING DEPTH: FROM THE 45 FOOT CONTOUR IN HAMPTON ROADS TO LAMBERT POINT, OUTBOUND HALF 45.0 FEET, INBOUND HALF, 45.0 FEET; LAMBERT POINT TO NORFOLK & WESTERN (FORMERLY VIRGINIA) RAILWAY BRIDGE CROSSING SOUTHERN BRANCH, 40 FEET; BRANCH CHANNELS RANGE FROM 5.0 TO 35.0 FEET. PROJECT DEPTH: FROM THE 45 FOOT CONTOUR IN HAMPTON ROADS TO LAMBERT POINT, 45 FEET; FROM LAMBERT POINT TO THE NORFOLK & WESTERN (FORMERLY VIRGINIA) RAILWAY BRIDGE CROSSING SOUTHERN BRANCH, 40 FEET; BRANCH CHANNELS RANGE FROM 12 TO 35 FEET.

### COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	ADDITIONAL THROUGH TRAFFIC (TONS)	YEAR	TONS	PASSENGERS	ADDITIONAL THROUGH TRAFFIC (TONS)
1971-----	47,120,138	76,190	630,738	1976-----	50,055,402	78,230	610,901
1972-----	47,781,241	164,196	634,912	1977-----	43,862,200	61,132	482,666
1973-----	52,333,200	178,861	601,253	1978-----	34,016,870	53,042	463,593
1974-----	55,304,017	98,435	505,889	1979-----	46,690,778	45,837	502,524
1975-----	49,742,717	114,105	447,421	1980-----	54,217,591	44,745	459,623

NOTE: PASSENGER TOTALS ABOVE INCLUDE FERRY PASSENGERS.

### FREIGHT TRAFFIC, 1980

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL-----	54,217,591	5,398,090	37,163,227	2,109,989	583,487	3,667,252	3,163,138	2,132,408
0101 COTTON, RAW-----	1,424	20	1,404					
0102 BARLEY AND RYE-----	45,348		46,698			14,042	4,608	
0103 CORN-----	2,811,846	297	2,732,813			58,468	6,180	14,128
0104 OATS-----	138	22	116					
0105 RICE-----	478		478					
0107 WHEAT-----	723,692		652,750			67,300		3,642
0111 SOYBEANS-----	1,029,387		901,335		831	118,553	1,472	9,796
0119 OILSEEDS, NEC-----	22,691	59	22,632					
0121 TOBACCO, LEAF-----	213,485	74,459	137,946	1,080				
0129 FIELD CROPS, NEC-----	2,217	591	1,666					
0131 FRESH FRUITS AND TREE NUTS-----	4,620	1,176	3,444					
0133 COFFEE-----	496	483	13					
0134 COCOA BEANS-----	70,505	68,521	1,984					
0141 FRESH AND FROZEN VEGETABLES-----	5,784	920	4,864					
0141 ANIMALS AND PRODUCTS, NEC-----	3,446	527	2,919					
0191 MISCELLANEOUS FARM PRODUCTS-----	2,332	2,301	31					
0841 CRUDE RUBBER AND ALLIED GUMS-----	227,460	227,029	431					
0841 FOREST PRODUCTS, NEC-----	9,959	9,226	531				169	
0911 FRESH FISH, EXCEPT SHELLFISH-----	4,980	4,960	441					
0912 SHELLFISH, EXCEPT PREPARED-----	4,125	3,480	280			365		
1091 ALUMINUM ORES, CONCENTRATES-----	879,450	879,246	204					
1041 MANGANESE ORES, CONCENTRATES-----	14,330	130						
1091 NONFERROUS ORES, CONCENT, NEC-----	4,387		2,243					
1121 COAL AND LIGNITE-----	31,502,272	21	30,658,224		326,808		517,219	
1311 CRUDE PETROLEUM-----	1,454	10	6		1,438			
1411 LIMESTONE-----	274,908	274,417	491					
1412 BUILDING STONE, UNWORKED-----	67		62					
1442 SAND, GRAVEL, CRUSHED ROCK-----	1,984,680		3,480			1,981,238		
1491 CLAY-----	113,132	112,689	2,409		34			
1471 PHOSPHATE ROCK-----	31,808	31,790	58					
1479 NATURAL FERTILIZER MATS, NEC-----	9,718	9,718						
1491 SALT-----	88,109	88,187	2					
1492 SULPHUR, DRY-----	503		503					
1493 SULPHUR, LIQUID-----	146,656		146,656					
1499 NONMETALLIC MINERALS, NEC-----	72,491	62,885	9,606					
1911 ORDNANCE AND ACCESSORIES-----	497	211	246					
2011 MEAT, FRESH, CHILLED, FROZEN-----	42,655	29,723	12,932					
2012 MEAT AND PRODUCTS, NEC-----	1,690	1,502	188					
2014 TALLOW, ANIMAL FATS AND OILS-----	39,811		39,811					
2015 ANIMAL BY-PRODUCTS, NEC-----	3,402	105	3,297					
2021 DAIRY PRODUCTS, NEC-----	615	576	39					
2022 DRIED MILK AND CREAM-----	1,152	548	604					
2031 FISH AND SHELLFISH, PREPARED-----	3,405	1,919	1,486					
2034 VEGETABLES AND PREP, NEC-----	14,824	12,614	2,210					
2039 PREP FRUIT AND VEG JUICE, NEC-----	10,324	4,931	5,369		24			
2041 WHEAT FLOUR AND SEMOLINA-----	2,698		2,698					
2042 PREPARED ANIMAL FEEDS-----	198,078	344	197,734					
2049 GRAIN MILL PRODUCTS, NEC-----	14,995	298	14,705					
2061 SUGAR-----	29,168		60	12,894	17,854			
2081 ALCOHOLIC BEVERAGES-----	35,251	24,513	9,781		959			
2091 VEGETABLE OILS, MARG, SHORT-----	99,844	498	99,346					
2092 ANIMAL OILS AND FATS, NEC-----	8,323	379	7,944					
2099 MISCELLANEOUS FOOD PRODUCTS-----	36,243	18,440	17,369		262		172	
3111 TOBACCO MANUFACTURES-----	57,339	7,394	47,262		2,683			
2211 BASIC TEXTILE PRODUCTS-----	119,146	11,487	105,635		29		2,875	
2212 TEXTILE FIBERS, NEC-----	13,037	12,419	618					
2311 APPAREL-----	9,418	1,984	7,512					
2411 LOGS-----	29,262	1,872	23,390					
2413 FUEL WOOD, CHARCOAL, WASTES-----	1,666	452	550					
2414 TIMBER, POSTS, POLES, PILING-----	1,370		1,368		2		464	
2421 LUMBER-----	32,893	9,296	23,596		71			
2431 VENEER, PLYWOOD, WORKED WOOD-----	92,909	89,429	7,480					
2491 WOOD MANUFACTURES, NEC-----	23,492	4,778	18,674					
2911 FURNITURE AND FIXTURES-----	28,132	16,643	9,730		1,789			

NORFOLK HARBOR, VA.--CONTINUED  
 FREIGHT TRAFFIC, 1980--CONTINUED  
 (SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
2611 PULP-----	18,535		18,535					
2631 PAPER AND PAPERBOARD-----	94,723	7,439	87,210		74			
2691 PULP AND PAPER PRODUCTS, NEC-----	13,859	2,185	11,409		179			
2711 PAINTED WOOD-----	7,614	720	6,892		2			
2810 SODIUM HYDROXIDE-----	24,183							
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	9,783	7,280	20	14,614			9,560	
2812 DYES, PIGMENT, TANNING MATS-----	2,410		2,410			156	2,327	
2813 ALCOHOLS-----	66		66					
2816 RADIOACTIVE MATERIALS, WASTES-----	13,653	7,278	6,375					
2818 SULPHURIC ACID-----	61,841			3,491		58,350		
2819 BASIC CHEMICALS AND PROD, NEC-----	247,533	49,361	62,775	91,928	788	5,700	13,208	23,773
2821 PLASTIC MATERIALS-----	62,211	4,343	57,747		121			
2822 SYNTHETIC RUBBER-----	51,219		51,001				218	
2823 SYNTHETIC (MAN-MADE) FIBERS-----	63,216	5,411	57,805					
2831 DRUGS-----	3,030	148	2,793		89			
2841 SOAP-----	3,771	873	2,897		1			
2851 PAINTS-----	15,796	13,758	1,997		41			
2861 GUM AND WOOD CHEMICALS-----	2,601	124	2,477					
2871 NITROGENOUS CHEM FERTILIZERS-----	534,447	10,406	175,650	62,936	9,502	208,444	58,653	8,856
2872 POTASSIC CHEM FERTILIZERS-----	20		20					
2873 PHOSPHATIC CHEM FERTILIZERS-----	151,696	133,370	12,117			4,615	1,594	
2876 INSECTICIDES, DISINFECTANTS-----	2,920		446		3			
2879 FERTILIZER AND MATERIALS, NEC-----	35,278	4,852	30,426					
2891 MISCELLANEOUS CHEMICAL PROD-----	35,617	18,009	17,608					
2911 GASOLINE-----	205,771		122	5,811	2,196	39,956	153,249	4,437
2912 JET FUEL-----	502,683			231,266	5,656	23,463	178,003	64,295
2913 KEROSENE-----	35,096		1			9,404	20,839	4,852
2914 DISTILLATE FUEL OIL-----	1,054,528	156,651		114,568	27,737	219,063	375,218	161,291
2915 RESIDUAL FUEL OIL-----	7,462,678	2,421,592		1,130,523	176,187	571,203	1,576,742	1,586,431
2916 LUBRICATING OILS AND GREASES-----	60,501	105	4,164	45,098		2,489	2,774	5,871
2917 NAPHTHA, PETROLEUM SOLVENTS-----	7,139					3,426	3,713	
2918 ASPHALT, TAR, AND BITUMENS-----	163,761	1	292	71,742		88,999	2,727	
2920 COKE, PETROLEUM COKE-----	125,517		125,517					
2921 LIQUEFIED GASES-----	456		456					
2951 ASPHALT BUILDING MATERIALS-----	285		285					
2991 PETROLEUM AND COAL PROD, NEC-----	93,728	478	391		27	2,564	18,455	71,813
3011 RUBBER AND MISC PLASTIC PROD-----	21,908	8,536	12,666		217		489	
3111 LEATHER AND LEATHER PRODUCTS-----	6,582	5,581	1,017		4			
3211 GLASS AND GLASS PRODUCTS-----	14,766	3,362	11,316		88			
3241 BUILDING CEMENT-----	221,560	43,378	432	177,549				
3251 STRUCTURAL CLAY PRODUCTS-----	7,339	2,575	4,672		92			
3271 LIME-----	2		2					
3281 CUT STONE AND STONE PRODUCTS-----	2,500	2,414	86					
3291 MISC NONMETALLIC MINERAL PROD-----	9,275	3,990	5,280		5			
3314 IRON AND STEEL PRIMARY FORMS-----	10,812	26	10,776		10			
3315 IRON, STEEL SHAPES, EXC SHEET-----	14,894	9,415	5,479					
3316 IRON AND STEEL PLATES, SHEETS-----	5,652	7	5,214		223	28	179	
3317 IRON AND STEEL PIPE AND TUBE-----	14,213	6,575	7,627		11			
3318 FERROALLOYS-----	932	351	581					
3319 IRON AND STEEL PRODUCTS, NEC-----	6,583	4,572	2,011					
3321 NONFERROUS METALS, NEC-----	9,855	2,330	7,525					
3322 COPPER ALLOYS, UNWORKED-----	55,198	50,419	4,779					
3323 LEAD AND ZINC, UNWORKED-----	484		484					
3324 ALUMINUM AND ALLOYS, UNWORKED-----	15,950	1,935	14,015					
3411 FABRICATED METAL PRODUCTS-----	66,507	32,387	33,599		280	19	223	19
3511 MACHINERY, EXCEPT ELECTRICAL-----	220,250	60,225	159,553		170	3,057	245	
3611 ELECTRICAL MACH AND EQUIP-----	80,132	16,888	61,866		74	1,299	5	
3711 MOTOR VEHICLES, PARTS, EQUIP-----	231,075	141,234	88,351		1,875	215		
3721 AIRCRAFT AND PARTS-----	474	11	461		2			
3731 SHIPS AND BOATS-----	1,565	922	943				100	
3791 MISC TRANSPORTATION EQUIPMENT-----	4,464	2,816	1,620		28			
3811 INSTR, TIME, PHOTO, OPT GOODS-----	6,536	1,221	5,315					
3911 MISC MANUFACTURED PRODUCTS-----	12,231	3,333	8,730		18		150	
4011 IRON AND STEEL SCRAP-----	80,669		69,019		2,200		9,450	
4012 NONFERROUS METAL SCRAP-----	19,630	139	18,141				1,350	
4022 TEXTILE WASTE, SCRAP, SWEEP-----	7,409	5	7,403		1			
4024 PAPER WASTE AND SCRAP-----	20,423		20,423					
4111 WATER-----	220,700						47,500	173,200
4112 COMMODITIES, NEC-----	359,838	11,604	2,114	673	4,801	186,844	153,798	4
9999 DEPARTMENT OF DEFENSE AND SCI-----	881		881					
TOTAL TON-MILES, 602,820,944.								

HAMPTON ROADS, VA.

SECTION INCLUDES: NORFOLK HARBOR, PORT OF NEWPORT NEWS (INCLUDING NEWPORT NEWS CREEK), HAMPTON CREEK, AND CHANNEL FROM PHOEBUS TO DEEP-WATER IN HAMPTON ROADS, VA.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	ADDITIONAL THROUGH TRAFFIC (TONS)	YEAR	TONS	PASSENGERS	ADDITIONAL THROUGH TRAFFIC (TONS)
1971-----	59,962,234	93,882	2,272,257	1976-----	63,164,109	143,580	2,345,133
1972-----	58,356,932	179,348	2,114,881	1977-----	92,378,666	185,931	2,007,133
1973-----	63,963,790	182,961	2,201,113	1978-----	41,625,451	117,530	2,317,476
1974-----	73,101,978	185,915	1,977,239	1979-----	50,990,945	129,471	2,538,728
1975-----	66,937,115	114,369	1,904,320	1980-----	74,832,000	141,431	2,598,643

## NORFOLK, VA., DISTRICT

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HAMPTON ROADS, VA.--CONTINUED

	TONS
HAMPTON ROADS:	
HAMPTON CREEK, VA.	433,002
NORFOLK HARBOR, VA.	54,217,591
PORT OF NEWPORT NEWS, VA.	20,620,941
CHANNEL FROM PHOEBUS TO DEEP WATER IN HAMPTON ROADS, VA.	
TOTAL GROSS, UNADJUSTED-----	75,471,534
NET VOLUME AFTER ELIMINATING DUPLICATION WITHIN THE AREA OF HAMPTON ROADS, VA.	74,832,000

## FREIGHT TRAFFIC, 1980

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	INTERNAL				
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL-----	74,832,000	6,127,792	55,301,434	2,231,258	599,222	4,140,019	3,632,121	2,800,214
0101 COTTON, RAW-----	1,424	20	1,404					
0102 BARLEY AND RYE-----	65,348		46,698			14,642	4,608	
0103 CORN-----	2,811,848	257	2,732,813			58,468	6,180	14,128
0104 OATS-----	138	22	116					
0105 RICE-----	480		480					
0107 WHEAT-----	723,692		652,750			67,300		3,642
0111 SOYBEANS-----	1,029,440		901,388		231	116,553	1,472	9,796
0119 OILSEEDS, NEC-----	22,982	59	22,923					
0121 TOBACCO, LEAF-----	243,027	81,946	160,001	1,080				
0129 FIELD CROPS, NEC-----	2,225	597	1,668					
0131 FRESH FRUITS AND TREE NUTS-----	1,755	1,176	3,579					
0133 COFFEE-----	496	483	13					
0134 COCOA BEANS-----	70,672	68,688	1,984					
0141 FRESH AND FROZEN VEGETABLES-----	6,655	932	5,723					
0143 ANIMALS AND PRODUCTS, NEC-----	3,502	554	2,948					
0191 MISCELLANEOUS FARM PRODUCTS-----	2,743	2,310	33					
0841 CRUDE RUBBER AND ALLIED GUMS-----	256,940	256,129	811					
0843 FOREST PRODUCTS, NEC-----	14,099	13,360	570				169	
0911 FRESH FISH, EXCEPT SHELLFISH-----	6,954	6,478	467			9		
0912 SHELLFISH, EXCEPT PREPARED-----	7,026	3,592	288			2,975		171
1091 ALUMINUM ORES, CONCENTRATES-----	879,490	879,246	244					
1093 MANGANESE ORES, CONCENTRATES-----	14,330	14,330						
1095 NONFERROUS ORES, CONCENT, NEC-----	4,860	144	2,716					
1121 COAL AND LIGNITE-----	50,089,287	21	48,368,911		326,808		1,393,547	
1311 CRUDE PETROLEUM-----	276,449	275,005	6		1,438			
1411 LIMESTONE-----	275,091	274,417	674					
1412 BUILDING STONE, UNWORKED-----	67		62		5			
1442 SAND, GRAVEL, CRUSHED ROCK-----	2,472,313		3,465			2,468,848		
1491 CLAY-----	115,65	113,113	2,518		34			
1471 PHOSPHATE ROCK-----	57,320	57,262	58					
1479 NATURAL FERTILIZER MATS, NEC-----	9,718	9,718						
1491 SALT-----	88,109	88,107	2					
1492 SULPHUR, DRY-----	996		996					
1493 SULPHUR, LIQUID-----	146,656		146,656					
1499 NONMETALLIC MINERALS, NEC-----	73,161	63,017	10,144					
1911 ORDNANCE AND ACCESSORIES-----	491	232	259					
2011 MEAT, FRESH, CHILLED, FROZEN-----	43,279	29,723	13,556					
2012 MEAT AND PRODUCTS, NEC-----	2,175	1,502	673					
2014 TALLOW, ANIMAL FATS AND OILS-----	46,049		46,049					
2015 ANIMAL BY-PRODUCTS, NEC-----	3,421	105	3,316					
2021 DAIRY PRODUCTS, NEC-----	617	576	41					
2022 DRIED MILK AND CREAM-----	2,488	548	1,940					
2031 FISH AND SHELLFISH, PREPARED-----	3,622	2,132	1,490					
2034 VEGETABLES AND PREP, NEC-----	15,982	13,496	2,486					
2039 PREP FRUIT AND VEG JUICE, NEC-----	10,472	4,992	5,480			24		
2041 WHEAT FLOUR AND SEMOLINA-----	2,698		2,698					
2042 PREPARED ANIMAL FEEDS-----	198,259	344	197,913					
2049 GRAIN MILL PRODUCTS, NEC-----	18,306	290	18,016					
2061 SUGAR-----	29,168		29,168	12,054	17,054			
2081 ALCOHOLIC BEVERAGES-----	43,469	32,466	10,048		959			
2091 VEGETABLE OILS, MARG, SHORT-----	102,371	498	101,873					
2092 ANIMAL OILS AND FATS, NEC-----	8,323	379	7,944					
2099 MISCELLANEOUS FOOD PRODUCTS-----	39,904	19,994	19,476		262		172	
2111 TOBACCO MANUFACTURES-----	68,446	7,932	57,831		2,683			
2211 BASIC TEXTILE PRODUCTS-----	126,275	13,627	110,944		29		2,075	
2212 TEXTILE FIBERS, NEC-----	13,315	12,697	618					
2311 APPAREL-----	9,833	1,960	7,873					
2411 LOGS-----	28,552	1,872	26,680					
2413 FUEL WOOD, CHARCOAL, WASTES-----	1,666	652	550				464	
2414 TIMBER, POSTS, POLES, PILING-----	2,455		2,455		2			
2421 LUMBER-----	35,389	9,676	25,642		71			
2431 VENEER, PLYWOOD, WORKED WOOD-----	83,099	85,478	7,620					
2491 WOOD MANUFACTURES, NEC-----	24,714	5,084	19,710					
2511 FURNITURE AND FIXTURES-----	29,237	16,988	10,460		1,789			
2611 PULP-----	22,052		22,052					
2651 PAPER AND PAPERBOARD-----	136,868	33,163	103,631		74			
2691 PULP AND PAPER PRODUCTS, NEC-----	21,431	2,186	19,066		179			
2711 PRINTED MATTER-----	8,000	747	7,251		2			
2710 SODIUM HYDROXIDE-----	24,163			14,614			9,569	
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	9,783	7,280	20			136	2,327	
2812 DYES, PIGMENT, TANNING MATS-----	2,467		2,467					
2813 ALCOHOLS-----	68		68					
2816 RADIOACTIVE MATERIALS, WASTES-----	13,801	7,506	6,375					
2818 SULPHURIC ACID-----	81,841			3,491		58,350		
2819 BASIC CHEMICALS AND PROD, NEC-----	251,918	49,475	67,046	91,928	788	5,713	13,208	23,773
2821 PLASTIC MATERIALS-----	66,164	4,394	63,689		121			
2822 SYNTHETIC RUBBER-----	93,917		53,689				218	

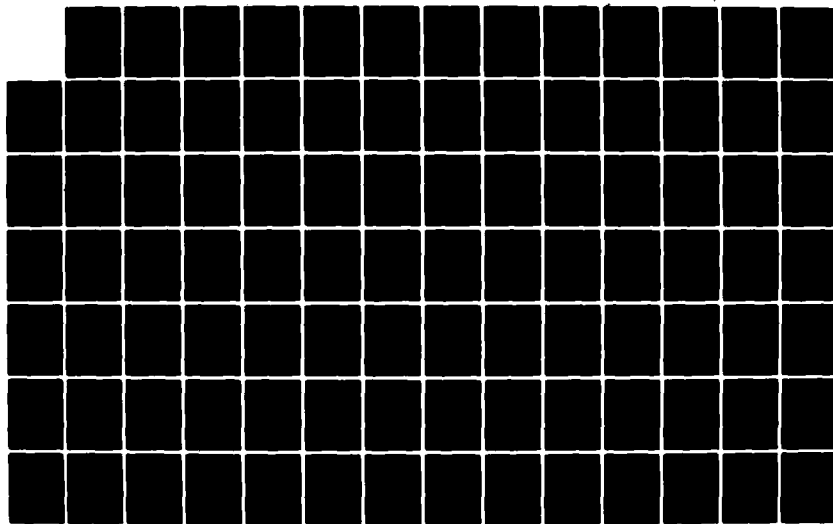
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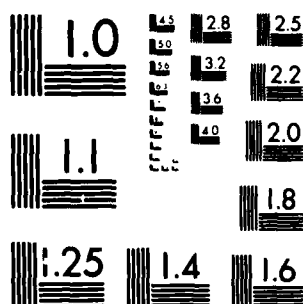
WATERBORNE COMMERCE OF THE UNITED STATES CALENDAR YEAR  
1980 PART 1 WATERW... (U) CORPS OF ENGINEERS FORT BELVOIR  
VA WATER RESOURCES SUPPORT CE... SEP 82 WRSC-WCUS-80-1

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## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

HAMPTON ROADS, VA.--CONTINUED  
 FREIGHT TRAFFIC, 1980--CONTINUED  
 (SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
2823 SYNTHETIC (MAN-MADE) FIBERS-----	67,533	5,411	62,122	-----	-----	-----	-----	-----
2831 DRUGS-----	3,727	148	3,400	-----	89	-----	-----	-----
2841 SOAP-----	4,065	876	3,168	-----	1	-----	-----	-----
2851 PAINTS-----	16,082	14,089	2,252	-----	41	-----	-----	-----
2861 GUM AND WOOD CHEMICALS-----	2,622	124	2,408	-----	-----	-----	-----	-----
2871 NITROGENOUS CHEM FERTILIZERS-----	934,447	10,404	175,650	62,938	9,982	288,444	98,653	8,956
2872 POTASSIC CHEM FERTILIZERS-----	20	-----	20	-----	-----	-----	-----	-----
2873 PHOSPHATIC CHEM FERTILIZERS-----	151,696	133,370	12,117	-----	-----	4,615	1,994	-----
2876 INSECTICIDES, DISINFECTANTS-----	3,244	446	2,707	-----	3	-----	-----	-----
2879 FERTILIZER AND MATERIALS, NEC-----	35,281	4,852	30,429	-----	-----	-----	-----	-----
2891 MISCELLANEOUS CHEMICAL PROD-----	36,812	18,046	18,766	-----	-----	-----	-----	-----
2911 GASOLINE-----	212,806	6,950	207	5,611	2,196	39,956	149,289	8,397
2912 JET FUEL-----	502,683	-----	-----	231,266	5,656	23,463	178,083	64,295
2913 KEROSENE-----	35,096	-----	1	-----	-----	9,404	7,084	18,607
2914 DISTILLATE FUEL OIL-----	1,099,592	156,651	-----	114,968	27,737	249,168	283,964	267,584
2915 RESIDUAL FUEL OIL-----	8,073,747	2,735,923	-----	1,251,612	181,545	498,592	1,385,795	2,100,280
2916 LUBRICATING OILS AND GREASES-----	72,895	10,391	6,272	45,098	-----	2,489	1,516	7,129
2917 NAPHTHA, PETROLEUM SOLVENTS-----	7,139	-----	-----	-----	-----	3,426	3,713	-----
2918 ASPHALT, TAR, AND BITUMENS-----	192,220	3	374	71,742	10,377	106,997	2,727	-----
2920 COKE, PETROLEUM COKE-----	317,809	-----	317,809	-----	-----	-----	-----	-----
2921 LIQUEFIED GASES-----	3,467	-----	467	-----	-----	-----	-----	-----
2951 ASPHALT BUILDING MATERIALS-----	3,671	-----	3,671	-----	-----	-----	-----	-----
2991 PETROLEUM AND COAL PROD, NEC-----	97,749	478	489	-----	27	4,218	20,174	72,413
3011 RUBBER AND MISC PLASTIC PROD-----	24,830	8,715	15,417	-----	217	-----	489	-----
3111 LEATHER AND LEATHER PRODUCTS-----	7,146	5,941	1,201	-----	4	-----	-----	-----
3211 GLASS AND GLASS PRODUCTS-----	15,582	3,498	12,034	-----	88	-----	-----	-----
3241 BUILDING CEMENT-----	221,613	43,579	485	177,549	-----	-----	-----	-----
3251 STRUCTURAL CLAY PRODUCTS-----	10,249	3,183	6,974	-----	92	-----	-----	-----
3271 LIME-----	2	-----	2	-----	-----	-----	-----	-----
3281 CUT STONE AND STONE PRODUCTS-----	2,704	2,617	87	-----	-----	-----	-----	-----
3291 MISC NONMETALLIC MINERAL PROD-----	10,258	4,355	5,808	-----	5	-----	-----	-----
3314 IRON AND STEEL PRIMARY FORMS-----	10,849	43	10,776	-----	10	-----	-----	-----
3315 IRON, STEEL SHAPES, EXC SHEET-----	28,974	21,035	5,959	-----	-----	-----	-----	-----
3316 IRON AND STEEL PLATES, SHEETS-----	14,969	143	12,889	-----	223	1,534	188	-----
3317 IRON AND STEEL PIPE AND TUBE-----	35,683	9,712	25,980	-----	11	-----	-----	-----
3318 FERROALLOYS-----	934	351	583	-----	-----	-----	-----	-----
3319 IRON AND STEEL PRODUCTS, NEC-----	10,346	4,685	5,721	-----	-----	-----	-----	-----
3321 NONFERROUS METALS, NEC-----	10,606	2,330	8,276	-----	-----	-----	-----	-----
3322 COPPER ALLOYS, UNWORKED-----	97,980	52,580	5,400	-----	-----	-----	-----	-----
3323 LEAD AND ZINC, UNWORKED-----	649	-----	649	-----	-----	-----	-----	-----
3324 ALUMINUM AND ALLOYS, UNWORKED-----	16,887	1,935	14,952	-----	-----	-----	-----	-----
3411 FABRICATED METAL PRODUCTS-----	86,762	36,492	49,662	-----	880	86	223	19
3511 MACHINERY, EXCEPT ELECTRICAL-----	252,663	66,541	182,182	180	176	3,235	355	-----
3611 ELECTRICAL MACH AND EQUIP-----	90,285	17,691	71,056	-----	74	1,299	5	-----
3711 MOTOR VEHICLES, PARTS, EQUIP-----	239,641	142,300	95,851	-----	1,875	215	-----	-----
3721 AIRCRAFT AND PARTS-----	528	11	515	-----	2	-----	-----	-----
3731 SHIPS AND BOATS-----	2,629	698	1,038	-----	-----	793	188	-----
3791 MISC TRANSPORTATION EQUIPMENT-----	5,944	3,365	2,571	-----	28	-----	-----	-----
3811 INSTR, TIME, PHOTO, OPT GOODS-----	6,854	1,269	5,585	-----	-----	-----	-----	-----
3911 MISC MANUFACTURED PRODUCTS-----	13,111	3,898	9,053	-----	18	-----	159	-----
4011 IRON AND STEEL SCRAP-----	83,636	-----	71,986	-----	2,880	-----	9,456	-----
4012 NONFERROUS METAL SCRAP-----	21,255	139	19,766	-----	-----	-----	1,356	-----
4022 TEXTILE WASTE, SCRAP, SWEEP-----	8,676	5	8,670	-----	1	-----	-----	-----
4024 PAPER WASTE AND SCRAP-----	25,525	-----	22,525	-----	1	-----	-----	-----
4111 WATER-----	226,700	-----	-----	-----	-----	-----	19,500	201,200
4112 COMMODITIES, NEC-----	363,643	11,667	2,416	673	4,881	189,664	153,798	4
9999 DEPARTMENT OF DEFENSE AND SCI-----	7,648	-----	7,648	-----	-----	-----	-----	-----

CHANNEL TO NEWPORT NEWS, VA.

SECTION INCLUDED: BETWEEN THE 45-FOOT DEPTH CONTOURS ON EACH SIDE OF MIDDLE GROUND SHOAL IN HAMPTON ROADS, VA., 4.8 MILES. CONTROLLING DEPTH: OUTBOUND HALF OF CHANNEL, 43 FEET AT MEAN LOW WATER; INBOUND HALF OF CHANNEL, 45.6 FEET AT MEAN LOW WATER. PROJECT LENGTH: 4.8 MILES.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971-----	19,692,197	1976-----	17,967,814
1972-----	15,680,277	1977-----	13,253,875
1973-----	17,958,213	1978-----	12,423,826
1974-----	23,714,422	1979-----	17,089,036
1975-----	21,772,872	1980-----	26,180,356

FREIGHT TRAFFIC, 1980

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			
		THROUGH		COASTWISE		INTERNAL	
		EASTBOUND	WESTBOUND	EASTBOUND	WESTBOUND	EASTBOUND	WESTBOUND
TOTAL-----	26,180,356	18,679,512	875,659	92,894	232,366	4,564,419	1,736,726
0103 CORN-----	2	2	-----	-----	-----	-----	-----
0105 RICE-----	2	2	-----	-----	-----	-----	-----
0111 SOYBEANS-----	53	53	-----	-----	-----	-----	-----
0119 OILSEEDS, NEC-----	483	483	-----	-----	-----	-----	-----

## NORFOLK, VA., DISTRICT

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CHANNEL TO NEWPORT NEWS, VA.--CONTINUED

FREIGHT TRAFFIC, 1988--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			
		THROUGH		COASTWISE		INTERNAL	
		EASTBOUND	WESTBOUND	EASTBOUND	WESTBOUND	EASTBOUND	WESTBOUND
0121 TOBACCO, LEAF-----	89,310	27,900	61,410				
0129 FIELD CROPS, NEC-----	8	2	6				
0131 FRESH FRUITS AND TREE NUTS-----	135	135					
3134 COCOA BEANS-----	167		167				
0141 FRESH AND FROZEN VEGETABLES-----	871	859	12				
0161 ANIMALS AND PRODUCTS, NEC-----	56	29	27				
0191 MISCELLANEOUS FARM PRODUCTS-----	61	52	9				
0841 CRUDE RUBBER AND ALLIED GUMS-----	29,744	380	29,364				
0861 FOREST PRODUCTS, NEC-----	4,145	13	4,132				
0911 FRESH FISH, EXCEPT SHELLFISH-----	1,980	24	1,956				15
0912 SHELLFISH, EXCEPT PREPARED-----	1,654	8	1,646			78	1,456
0931 MARINE SHELLS, UNMANUFACTURED-----	4,874						4,874
1091 NONFERROUS ORES, CONCENT, NEC-----	473	493					
1121 COAL AND LIGNITE-----	18,683,074	17,726,746				876,328	
1311 CRUDE PETROLEUM-----	274,995		274,995				
1411 LIMESTONE-----	183	183					
1442 SAND, GRAVEL, CRUSHED ROCK-----	2,954,910	10,732	108			2,944,070	
1451 CLAY-----	533	109	424				
1471 PHOSPHATE ROCK-----	5,512		5,512				
1492 SULPHUR, DRY-----	493	493					
1493 SULPHUR, LIQUID-----	40,963				29,507		15,456
1499 NONMETALLIC MINERALS, NEC-----	5,557	5,425	132				
1911 ORDNANCE AND ACCESSORIES-----	34	13	21				
2011 MEAT, FRESH, CHILLED, FROZEN-----	624	624					
2012 MEAT AND PRODUCTS, NEC-----	485	485					
2014 TALLOW, ANIMAL FATS AND OILS-----	6,238	6,238					
2015 ANIMAL BY-PRODUCTS, NEC-----	19	19					
2021 DAIRY PRODUCTS, NEC-----	2	2					
2022 DRIED MILK AND CREAM-----	1,336	1,336					
2031 FISH AND SHELLFISH, PREPARED-----	217		213				
2034 VEGETABLES AND PREP, NEC-----	1,158	276	882				
2039 PREP FRUIT AND VEG JUICE, NEC-----	148	87	61				
2042 PREPARED ANIMAL FEEDS-----	181	181					
2049 GRAIN MILL PRODUCTS, NEC-----	3,336	3,311	25				
2081 ALCOHOLIC BEVERAGES-----	21,030	1,933	19,097				
2091 VEGETABLE OILS, MARG, SHORT-----	2,527	2,527					
2099 MISCELLANEOUS FOOD PRODUCTS-----	3,790	2,244	1,546				
2111 TOBACCO MANUFACTURES-----	22,994	22,442	552				
2211 BASIC TEXTILE PRODUCTS-----	14,740	12,427	2,313				
2212 TEXTILE FIBERS, NEC-----	278		278				
2311 APPAREL-----	447	393	54				
2411 LOGS-----	3,325	3,290	35				
2413 FUEL WOOD, CHARCOAL, WASTES-----	38	38					
2414 TIMBER, POSTS, POLES, PILING-----	1,089	1,085					
2421 LUMBER-----	6,287	3,980	2,697				
2431 VENEER, PLYWOOD, WORKED WOOD-----	497	293	94				
2491 WOOD MANUFACTURES, NEC-----	2,460	1,314	1,146				
2511 FURNITURE AND FIXTURES-----	1,335	946	409				
2611 PULP-----	4,688	4,423	265				
2631 PAPER AND PAPERBOARD-----	61,947	19,101	42,846				
2691 PULP AND PAPER PRODUCTS, NEC-----	8,351	8,326	25				
2711 PRINTED MATTER-----	450	430	20				
2812 DYES, PIGMENT, TANNING MATS-----	57	57					
2813 ALCOHOLS-----	2	2					
2816 RADIOACTIVE MATERIALS, WASTES-----	228		228				
2818 SULPHURIC ACID-----	23,610				2,930	5,750	14,930
2819 BASIC CHEMICALS AND PROD, NEC-----	230,021	13,115	18,490				198,456
2821 PLASTIC MATERIALS-----	19,988	17,313	2,675				
2822 SYNTHETIC RUBBER-----	12,389						
2823 SYNTHETIC (MAN-MADE) FIBERS-----	5,788	5,674	34				
2831 DRUGS-----	760	740	89				
2841 SOAP-----	429	344	85				
2891 PAINTS-----	1,480	297	1,183				
2861 GUM AND WOOD CHEMICALS-----	21	21					
2871 NITROGENOUS CHEM FERTILIZERS-----	461,305	355,176	70,244		9,400	219,321	6,964
2873 PHOSPHATIC CHEM FERTILIZERS-----	10,930		6,315			4,615	
2876 INSECTICIDES, DISINFECTANTS-----	1,423	1,369	54				
2879 FERTILIZER AND MATERIALS, NEC-----	3	3					
2891 MISCELLANEOUS CHEMICAL PROD-----	1,447	1,266	181				
2911 GASOLINE-----	148,136	85	6,950			111,978	29,123
2913 KEROSENE-----	26,317					14,565	11,752
2914 DISTILLATE FUEL OIL-----	333,483	3				165,293	168,187
2915 RESIDUAL FUEL OIL-----	1,880,129		314,331	5,358	122,843	216,553	1,221,544
2916 LUBRICATING OILS AND GREASES-----	13,701	2,197	10,286				1,258
2918 ASPHALT, TAR, AND PITCHES-----	189,744	82	2	10,377	71,286		27,997
2920 COKE, PETROLEUM COKE-----	193,906	193,906					
2921 LIQUEFIED GASES-----	11	11					
2991 ASPHALT BUILDING MATERIALS-----	3,386	3,386					
2991 PETROLEUM AND COAL PROD, NEC-----	4,516	68	198			3,083	1,247
3011 RUBBER AND MISC PLASTIC PROD-----	5,728	3,049	2,679				
3111 LEATHER AND LEATHER PRODUCTS-----	589	209	380				
3211 GLASS AND GLASS PRODUCTS-----	1,560	1,569	211				
3241 BUILDING CEMENT-----	53	53					
3291 STRUCTURAL CLAY PRODUCTS-----	2,973	2,365	608				
3281 CUT STONE AND STONE PRODUCTS-----	204	1	203				
3291 MISC NONMETALLIC MINERAL PROD-----	1,226	815	411				
3314 IRON AND STEEL PRIMARY FORMS-----	37		37				
3315 IRON, STEEL SHAPES, EXC SHEET-----	13,839	7,480	13,359				
3316 IRON AND STEEL PLATES, SHEETS-----	9,359	7,475	138			28	1,596
3317 IRON AND STEEL PIPE AND TUBE-----	21,471	18,334	3,137				
3318 FERROALLOYS-----	2						
3319 IRON AND STEEL PRODUCTS, NEC-----	3,808	3,755	53				
3321 NONFERROUS METALS, NEC-----	791	791					
3322 COPPER ALLOYS, UNWORKED-----	2,882	621	2,261				

## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

CHANNEL TO NEWPORT NEWS, VA.--CONTINUED

FREIGHT TRAFFIC, 1980--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			
		THROUGH		COASTWISE		INTERNAL	
		EASTBOUND	WESTBOUND	EASTBOUND	WESTBOUND	EASTBOUND	WESTBOUND
3323 LEAD AND ZINC, UNWORKED-----	165	165					
3324 ALUMINUM AND ALLOYS, UNWORKED-----	978	937					
3411 FABRICATED METAL PRODUCTS-----	23,783	16,454	7,102			227	
3511 MACHINERY, EXCEPT ELECTRICAL-----	94,781	28,398	27,685		186	110	328
3611 ELECTRICAL MACH AND EQUIP-----	12,427	10,824	1,301			300	
3711 MOTOR VEHICLES, PARTS, EQUIP-----	16,883	8,901	7,982				
3721 AIRCRAFT AND PARTS-----	84	84					
3731 SHIPS AND BOATS-----	1,064	95	174				793
3791 MISC TRANSPORTATION EQUIPMENT-----	1,480	981	529				
3811 INSTR, TIME, PHOTO, OPT GOODS-----	382	319	63				
3911 MISC MANUFACTURED PRODUCTS-----	393	381	572				
4011 IRON AND STEEL SCRAP-----	84,806	82,106				2,700	
4012 NONFERROUS METAL SCRAP-----	2,047	2,047					
4022 TEXTILE WASTE, SCRAP, SWEEP-----	1,939	1,939					
4024 PAPER WASTE AND SCRAP-----	2,651	2,651					
4111 WATER-----	28,000						28,000
4112 COMMODITIES, NEC-----	3,786	308	580				2,840
9999 DEPARTMENT OF DEFENSE AND SCI-----	6,788	5,748					
TOTAL TON-MILES. 138,981,780.							

PORT OF NEWPORT NEWS, VA.  
(INCLUDING NEWPORT NEWS CREEK, VA.)

SECTION INCLUDED: LOWER EAST SHORE OF JAMES RIVER FROM MOUTH TO 1.8 MILES, AND PORTION OF NORTH SHORE OF HAMPTON ROADS COVERING APPROXIMATELY 15,000 LINEAR FEET OF WATERFRONT AT NEWPORT NEWS; AND NEWPORT NEWS CREEK,

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1971-----	12,901,985	15,109	1976-----	13,344,253	65,270
1972-----	10,549,835	84,592	1977-----	8,738,346	128,924
1973-----	11,491,290	92,876	1978-----	7,255,936	64,488
1974-----	17,682,615	85,800	1979-----	11,588,735	76,688
1975-----	17,258,771	63,148	1980-----	20,820,941	96,788

## FREIGHT TRAFFIC, 1980

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			
		IMPORTS	EXPORTS	COASTWISE		INTERNAL	
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS
TOTAL-----	20,820,941	729,702	18,138,207	121,269	15,735	681,742	1,185,954
0103 CORN-----	2		2				
0105 RICE-----	2		2				
0111 SOYBEANS-----	53		53				
0119 OILSEEDS, NEC-----	291		291				
0121 TOBACCO, LEAF-----	29,542	7,487	22,055				
0129 FIELD CROPS, NEC-----	8	6	2				
0131 FRESH FRUITS AND TREE NUTS-----	135		135				
0134 COCOA BEANS-----	167	167					
0141 FRESH AND FROZEN VEGETABLES-----	871	12	859				
0161 ANIMALS AND PRODUCTS, NEC-----	56	27	29				
0191 MISCELLANEOUS FARM PRODUCTS-----	11	9	2				
0841 CRUDE RUBBER AND ALLIED GUMS-----	29,480	29,100	380				
0861 FOREST PRODUCTS, NEC-----	4,140	4,134	6				
0911 FRESH FISH, EXCEPT SHELLFISH-----	1,965	1,939	26				
0912 SHELLFISH, EXCEPT PREPARED-----	1,641	112	8			1,521	
1091 NONFERROUS ORES, CONCENT, NEC-----	473		473				
1121 COAL AND LIGNITE-----	10,987,015		17,710,687			876,328	
1311 CRUDE PETROLEUM-----	274,995	274,995					
1411 LIMESTONE-----	183		183				
1442 SAND, GRAVEL, CRUSHED ROCK-----	102,315		15			102,300	
1451 CLAY-----	533	424	109				
1471 PHOSPHATE ROCK-----	5,512	5,512					
1492 SULPHUR, DRY-----	493		493				
1499 NONMETALLIC MINERALS, NEC-----	670	132	538				
1911 ORDNANCE AND ACCESSORIES-----	34	21	13				
2011 MEAT, FRESH, CHILLED, FROZEN-----	624		624				
2012 MEAT AND PRODUCTS, NEC-----	485		485				
2014 TALLOW, ANIMAL FATS AND OILS-----	6,238		6,238				
2019 ANIMAL BY-PRODUCTS, NEC-----	19		19				
2021 DAIRY PRODUCTS, NEC-----	2		2				
2022 DRIED MILK AND CREAM-----	1,336		1,336				
2031 FISH AND SHELLFISH, PREPARED-----	217	213	4				
2034 VEGETABLES AND PREP, NEC-----	1,158	882	276				
2039 PREP FRUIT AND VEG JUICE, NEC-----	148	61	87				
2042 PREPARED ANIMAL FEEDS-----	181		181				
2049 GRAIN MILL PRODUCTS, NEC-----	3,311		3,311				
2081 ALCOHOLIC BEVERAGES-----	6,218	7,951	267				
2091 VEGETABLE OILS, HARG, SHORT-----	2,527		2,527				
2099 MISCELLANEOUS FOOD PRODUCTS-----	3,661	1,554	2,107				
2111 TOBACCO MANUFACTURES-----	11,107	538	10,569				
2211 BASIC TEXTILE PRODUCTS-----	7,129	2,220	4,909				

# NORFOLK, VA., DISTRICT

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PORT OF NEWPORT NEWS, VA.,  
(INCLUDING NEWPORT NEWS CREEK, VA.)--CONTINUED

FREIGHT TRAFFIC, 1988--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
2212 TEXTILE FIBERS, NEC-----	278	278						
2311 APPAREL-----	415	94	361					
2411 LOGS-----	3,290		3,290					
2414 TIMBER, POSTS, POLES, PILING-----	1,085		1,085					
2421 LUMBER-----	2,496	380	2,116					
2431 VENEER, PLYWOOD, WORKED WOOD-----	190	90	100					
2491 WOOD MANUFACTURES, NEC-----	1,262	226	1,036					
2911 FURNITURE AND FIXTURES-----	1,105	375	730					
2611 PULP-----	3,517		3,517					
2631 PAPER AND PAPERBOARD-----	42,145	25,724	16,421					
2691 PULP AND PAPER PRODUCTS, NEC-----	7,972	1	7,971					
2711 PRINTED MATTER-----	366	27	339					
2812 DYES, PIGMENT, TANNING MATS-----	57		57					
2813 ALCOHOLS-----	2		2					
2816 RADIOACTIVE MATERIALS, WASTES-----	228	228						
2819 BASIC CHEMICALS AND PROD, NEC-----	4,385	114	4,271					
2821 PLASTIC MATERIALS-----	5,953	11	5,942					
2822 SYNTHETIC RUBBER-----	2,698		2,698					
2823 SYNTHETIC (MAN-MADE) FIBERS-----	4,317		4,317					
2831 DRUGS-----	697		697					
2841 SOAP-----	284	3	281					
2851 PAINTS-----	566	331	235					
2861 GUM AND WOOD CHEMICALS-----	21		21					
2876 INSECTICIDES, DISINFECTANTS-----	326		326					
2879 FERTILIZER AND MATERIALS, NEC-----	3		3					
2891 MISCELLANEOUS CHEMICAL PROD-----	995	37	958					
2911 GASOLINE-----	8,354	6,950	85			1,319		
2913 KEROSENE-----	11,752					11,752		
2914 DISTILLATE FUEL OIL-----	112,152					99,525	12,574	53
2915 RESIDUAL FUEL OIL-----	1,095,765	314,331		121,089	5,358	412,085	214,623	28,279
2916 LUBRICATING OILS AND GREASES-----	13,652	10,286	2,108			1,258		
2918 ASPHALT, TAR, AND BITUMENS-----	28,459	2	82		10,377	17,998		
2920 COKE, PETROLEUM COKE-----	192,292		192,292					
2921 LIQUEFIED GASES-----	11		11					
2951 ASPHALT BUILDING MATERIALS-----	3,386		3,386					
2991 PETROLEUM AND COAL PROD, NEC-----	2,987					600	2,319	
3011 RUBBER AND MISC PLASTIC PROD-----	2,930	179	2,751					
3111 LEATHER AND LEATHER PRODUCTS-----	564	380	184					
3211 GLASS AND GLASS PRODUCTS-----	816	96	720					
3241 BUILDING CEMENT-----	53		53					
3251 STRUCTURAL CLAY PRODUCTS-----	2,910	608	2,302					
3281 CUT STONE AND STONE PRODUCTS-----	204	203	1					
3291 MISC NONMETALLIC MINERAL PROD-----	983	365	618					
3314 IRON AND STEEL PRIMARY FORMS-----	37	37						
3315 IRON, STEEL SHAPES, EXC SHEET-----	12,080	11,600	480					
3316 IRON AND STEEL PLATES, SHEETS-----	9,317	136	7,675			1,506		
3317 IRON AND STEEL PIPE AND TUBE-----	21,470	5,137	16,333					
3318 FERROALLOYS-----	2		2					
3319 IRON AND STEEL PRODUCTS, NEC-----	3,763	53	3,710					
3321 NONFERROUS METALS, NEC-----	751		751					
3322 COPPER ALLOYS, UNWORKED-----	2,782	2,161	621					
3323 LEAD AND ZINC, UNWORKED-----	165		165					
3324 ALUMINUM AND ALLOYS, UNWORKED-----	937		937					
3411 FABRICATED METAL PRODUCTS-----	20,255	4,125	16,063			67		
3511 MACHINERY, EXCEPT ELECTRICAL-----	32,413	6,316	25,629	180		178	110	
3611 ELECTRICAL MACH AND EQUIP-----	10,153	963	9,190					
3711 MOTOR VEHICLES, PARTS, EQUIP-----	8,566	1,066	7,500					
3721 AIRCRAFT AND PARTS-----	54		54					
3731 SHIPS AND BOATS-----	1,064	176	95			793		
3791 MISC TRANSPORTATION EQUIPMENT-----	1,480	529	951					
3811 INSTR, TIME, PHOTO, OPT GOODS-----	318	48	270					
3911 MISC MANUFACTURED PRODUCTS-----	880	597	323					
4011 IRON AND STEEL SCRAP-----	2,967		2,967					
4012 NONFERROUS METAL SCRAP-----	1,625		1,625					
4022 TEXTILE WASTE, SCRAP, SWEEP-----	1,267		1,267					
4024 PAPER WASTE AND SCRAP-----	2,102		2,102					
4111 WATER-----	28,000					28,000		
4112 COMMODITIES, NEC-----	3,205	63	302			2,840		
9999 DEPARTMENT OF DEFENSE AND SCI-----	6,767		6,767					

## JAMES RIVER, VA. (CONSOLIDATED REPORT)

SECTION INCLUDED: FROM MOUTH TO RICHMOND, VA., 90.8 MILES. CONTROLLING DEPTH: FROM THE MOUTH TO DEEPWATER TERMINAL (4.7 MILES BELOW RICHMOND), 24.1 FEET, THENCE TO A POINT 700 FEET DOWNSTREAM FROM LOCK, 12.1 FEET. PROJECT DEPTH: FROM THE MOUTH TO DEEPWATER TERMINAL (4.7 MILES BELOW RICHMOND), 35 FEET, THENCE 18 FEET TO THE RICHMOND LOCK. ALL AT MEAN LOW WATER. PROJECT LENGTH: 90.8 MILES.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	ADDITIONAL TRAFFIC AUTOMOBILES ACCOMPANYING PASSENGERS	YEAR	TONS	PASSENGERS	ADDITIONAL TRAFFIC AUTOMOBILES ACCOMPANYING PASSENGERS
1971-----	8,551,305	289,050	200,553	1976-----	6,192,395	743,333	310,191
1972-----	6,554,555	459,224	218,532	1977-----	6,714,897	746,566	387,834
1973-----	7,809,992	481,678	232,993	1978-----	7,819,573	767,723	389,712
1974-----	7,714,515	513,888	280,246	1979-----	7,918,482	842,267	391,522
1975-----	5,586,000	564,394	260,605	1980-----	7,853,114	915,413	365,579

NOTE: PASSENGER TOTALS ABOVE INCLUDE FERRY PASSENGERS.

## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

JAMES RIVER, VA. (CONSOLIDATED REPORT)--CONTINUED

FREIGHT TRAFFIC, 1980

FOREIGN

(SHORT TONS)

COMMODITY	TOTAL	IMPORTS	EXPORTS
TOTAL	686,662	145,357	541,305
0119 OILSEEDS, NEC	192		192
0121 TOBACCO, LEAF	59,768	53,923	5,845
0191 MISCELLANEOUS FARM PRODUCTS	50		50
0841 CRUDE RUBBER AND ALLIED GUMS	264	264	
0861 FOREST PRODUCTS, NEC	5		5
1121 COAL AND LIGNITE	16,059		16,059
1442 SAND, GRAVEL, CRUSHED ROCK	10,825	108	10,717
1499 NONMETALLIC MINERALS, NEC	4,887		4,887
2049 GRAIN MILL PRODUCTS, NEC	25	25	
2081 ALCOHOLIC BEVERAGES	12,812	11,146	1,666
2099 MISCELLANEOUS FOOD PRODUCTS	137		137
2111 TOBACCO MANUFACTURES	11,889	16	11,873
2211 BASIC TEXTILE PRODUCTS	7,619	101	7,518
2311 APPAREL	32		32
2411 LOGS	35	35	
2413 FUEL WOOD, CHARCOAL, WASTES	38		38
2421 LUMBER	3,791	2,317	1,474
2431 VENEER, PLYWOOD, WORKED WOOD	107	44	63
2491 WOOD MANUFACTURES, NEC	1,198	920	278
2511 FURNITURE AND FIXTURES	250	34	216
2611 PULP	1,171	265	906
2631 PAPER AND PAPERBOARD	19,802	17,122	2,680
2691 PULP AND PAPER PRODUCTS, NEC	779	24	755
2711 PRINTED MATTER	72	1	71
2819 BASIC CHEMICALS AND PROD, NEC	27,180	18,336	8,844
2821 PLASTIC MATERIALS	14,035	2,404	11,631
2822 SYNTHETIC RUBBER	9,611		9,611
2823 SYNTHETIC (MAN-MADE) FIBERS	1,391	34	1,357
2831 DRUGS	63		63
2841 SOAP	135	82	53
2851 PAINTS	814	812	2
2871 NITROGENOUS CHEM FERTILIZERS	355,176		355,176
2876 INSECTICIDES, DISINFECTANTS	1,097	54	1,043
2891 MISCELLANEOUS CHEMICAL PROD	452	144	308
2914 DISTILLATE FUEL OIL	3		3
2916 LUBRICATING OILS AND GREASES	1		1
2920 COKE, PETROLEUM COKE	1,614		1,614
2991 PETROLEUM AND COAL PROD, NEC	198	198	
3011 RUBBER AND MISC PLASTIC PROD	2,798	2,500	298
3111 LEATHER AND LEATHER PRODUCTS	25		25
3211 GLASS AND GLASS PRODUCTS	744	115	629
3251 STRUCTURAL CLAY PRODUCTS	63		63
3291 MISC NONMETALLIC MINERAL PROD	243	46	197
3315 IRON, STEEL SHAPES, EXC SHEET	1,759	1,759	
3317 IRON AND STEEL PIPE AND TUBE	1		1
3319 IRON AND STEEL PRODUCTS, NEC	45		45
3322 COPPER ALLOYS, UNWORKED	100	100	
3324 ALUMINUM AND ALLOYS, UNWORKED	41	41	
3411 FABRICATED METAL PRODUCTS	3,368	2,977	391
3511 MACHINERY, EXCEPT ELECTRICAL	22,138	21,369	769
3611 ELECTRICAL MACH AND EQUIP	1,974	338	1,636
3711 MOTOR VEHICLES, PARTS, EQUIP	8,317	6,916	1,401
3811 INSTR, TIME, PHOTO, OPT GOODS	64	15	49
3911 MISC MANUFACTURED PRODUCTS	73	15	58
4011 IRON AND STEEL SCRAP	79,139		79,139
4012 NONFERROUS METAL SCRAP	422		422
4022 TEXTILE WASTE, SCRAP, SHEEP	672		672
4024 PAPER WASTE AND SCRAP	549		549
4112 COMMODITIES, NEC	501	497	4
9999 DEPARTMENT OF DEFENSE AND SCI	1		1
TON-MILES, FOREIGN,	53,019,116.		

## DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE		INBOUND		INTERNAL		THROUGH	
		RECEIPTS	SHIPMENTS	UPBOUND	DOWNBOUND	UPBOUND	DOWNBOUND	UPBOUND	DOWNBOUND
TOTAL	7,146,492	111,077	76,599	2,334,753	3,648,895	565,884	426,639	3,285	40
0911 FRESH FISH, EXCEPT SHELLFISH	137				25	91	6	15	
0912 SHELLFISH, EXCEPT PREPARED	2,452			80	1,971	818		151	40
0931 MARINE SHELLS, UNMANUFACTURED	4,874			4,874					
1442 SAND, GRAVEL, CRUSHED ROCK	5,226,072			1,149,147	3,899,919	560,881	416,810		
1493 SULPHUR, LIQUID	40,063	25,507		19,456					
2010 SULPHURIC ACID	23,410	2,938		14,938	9,750				
2019 BASIC CHEMICALS AND PROD, NEC	198,496			198,496					
2071 NITROGENOUS CHEM FERTILIZERS	307,929	9,608	70,244	6,964	219,321		1,000		
2073 PHOSPHATIC CHEM FERTILIZERS	10,930		6,319		4,619				
2911 GASOLINE	142,376			27,804	111,978	2,984			
2913 KEROSENE	14,869				14,965				
2914 DISTILLATE FUEL OIL	223,369			68,309	132,719	1,988			393
2915 RESIDUAL FUEL OIL	884,727	1,784		837,927	34,127		8,823	2,684	
2918 ASPHALT, TAR, AND PITCHES	81,285	71,286		9,999					
2991 PETROLEUM AND COAL PROD, NEC	1,331			647	684				
3316 IRON AND STEEL PLATES, SHEETS	28				28				
3411 FABRICATED METAL PRODUCTS	198				198				
3511 MACHINERY, EXCEPT ELECTRICAL	150			150					

## NORFOLK, VA., DISTRICT

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JAMES RIVER, VA. (CONSOLIDATED REPORT)--CONTINUED

FREIGHT TRAFFIC, 1980--CONTINUED

DOMESTIC--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE		INBOUND UPBOUND	OUTBOUND DOWNBOUND	INTERNAL		THROUGH	
		RECEIPTS	SHIPMENTS			UPBOUND	DOWNBOUND	UPBOUND	DOWNBOUND
3611 ELECTRICAL MACH AND EQUIP-----	300	-----	-----	-----	300	-----	-----	-----	-----
4011 IRON AND STEEL SCRAP-----	2,700	-----	-----	-----	2,700	-----	-----	-----	-----
TON-MILES, DOMESTIC,	415,925,864.	-----	-----	-----	-----	-----	-----	-----	-----
TONS, ALL TRAFFIC,	7,853,114.	-----	-----	-----	-----	-----	-----	-----	-----
TON-MILES, ALL TRAFFIC,	466,944,980.	-----	-----	-----	-----	-----	-----	-----	-----

PORT OF RICHMOND, VA.  
(INCLUDED IN JAMES RIVER, VA., CONSOLIDATED REPORT)

FREIGHT TRAFFIC, 1980

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		
		IMPORTS	EXPORTS	COASTWISE RECEIPTS	INTERNAL RECEIPTS	SHIPMENTS
TOTAL-----	1,608,861	131,546	184,759	71,286	917,079	304,131
0119 OILSEEDS, NEC-----	192	-----	192	-----	-----	-----
0121 TOBACCO, LEAF-----	59,768	53,923	5,845	-----	-----	-----
0191 MISCELLANEOUS FARM PRODUCTS-----	50	-----	50	-----	-----	-----
0841 CRUDE RUBBER AND ALLIED GUMS-----	264	264	-----	-----	-----	-----
0861 FOREST PRODUCTS, NEC-----	5	-----	5	-----	-----	-----
1121 COAL AND LIGNITE-----	16,089	-----	16,089	-----	-----	-----
1442 SAND, GRAVEL, CRUSHED ROCK-----	571,026	108	10,717	-----	560,201	-----
1499 NONMETALLIC MINERALS, NEC-----	4,887	-----	4,887	-----	-----	-----
2049 GRAIN MILL PRODUCTS, NEC-----	25	25	-----	-----	-----	-----
2081 ALCOHOLIC BEVERAGES-----	12,754	11,088	1,666	-----	-----	-----
2099 MISCELLANEOUS FOOD PRODUCTS-----	137	-----	137	-----	-----	-----
2111 TOBACCO MANUFACTURES-----	11,842	16	11,826	-----	-----	-----
2211 BASIC TEXTILE PRODUCTS-----	7,619	101	7,518	-----	-----	-----
2311 APPAREL-----	32	-----	32	-----	-----	-----
2411 LOGS-----	35	35	-----	-----	-----	-----
2413 FUEL WOOD, CHARCOAL, WASTES-----	38	-----	38	-----	-----	-----
2421 LUMBER-----	3,791	2,317	1,474	-----	-----	-----
2431 VENEER, PLYWOOD, WORKED WOOD-----	107	44	63	-----	-----	-----
2491 WOOD MANUFACTURES, NEC-----	1,198	920	278	-----	-----	-----
2511 FURNITURE AND FIXTURES-----	250	34	216	-----	-----	-----
2611 PULP-----	1,171	265	906	-----	-----	-----
2631 PAPER AND PAPERBOARD-----	19,882	17,122	2,860	-----	-----	-----
2691 PULP AND PAPER PRODUCTS, NEC-----	799	24	775	-----	-----	-----
2711 PRINTED MATTER-----	72	1	71	-----	-----	-----
2819 BASIC CHEMICALS AND PROD, NEC-----	13,542	4,698	8,844	-----	-----	-----
2821 PLASTIC MATERIALS-----	14,035	2,664	11,371	-----	-----	-----
2822 SYNTHETIC RUBBER-----	9,611	-----	9,611	-----	-----	-----
2823 SYNTHETIC (MAN-MADE) FIBERS-----	1,391	34	1,357	-----	-----	-----
2831 DRUGS-----	43	-----	43	-----	-----	-----
2841 SOAP-----	135	82	53	-----	-----	-----
2851 PAINTS-----	814	812	2	-----	-----	-----
2871 NITROGENOUS CHEM FERTILIZERS-----	291	-----	291	-----	-----	-----
2876 INSECTICIDES, DISINFECTANTS-----	1,097	54	1,043	-----	-----	-----
2891 MISCELLANEOUS CHEMICAL PROD-----	452	144	308	-----	-----	-----
2911 GASOLINE-----	142,376	-----	-----	-----	30,398	111,978
2913 KEROSENE-----	14,565	-----	-----	-----	-----	14,565
2914 DISTILLATE FUEL OIL-----	200,157	-----	3	-----	51,443	148,711
2919 RESIDUAL FUEL OIL-----	290,217	-----	-----	-----	264,950	25,267
2916 LUBRICATING OILS AND GREASES-----	49	-----	49	-----	-----	-----
2918 ASPHALT, TAR, AND BITUMENS-----	81,285	-----	-----	71,286	9,999	-----
2991 PETROLEUM AND COAL PROD, NEC-----	990	198	-----	-----	88	884
3011 RUBBER AND MISC PLASTIC PROD-----	2,683	2,385	298	-----	-----	-----
3111 LEATHER AND LEATHER PRODUCTS-----	25	-----	25	-----	-----	-----
3211 GLASS AND GLASS PRODUCTS-----	744	115	629	-----	-----	-----
3291 STRUCTURAL CLAY PRODUCTS-----	63	-----	63	-----	-----	-----
3291 MISC NONMETALLIC MINERAL PROD-----	243	46	197	-----	-----	-----
3319 IRON, STEEL SHAPES, EXC SHEET-----	1,759	1,759	-----	-----	-----	-----
3316 IRON AND STEEL PLATES, SHEETS-----	20	-----	-----	-----	-----	20
3317 IRON AND STEEL PIPE AND TUBE-----	1	-----	1	-----	-----	-----
3319 IRON AND STEEL PRODUCTS, NEC-----	45	-----	45	-----	-----	-----
3322 COPPER ALLOYS, UNWORKED-----	100	100	-----	-----	-----	-----
3324 ALUMINUM AND ALLOYS, UNWORKED-----	41	41	-----	-----	-----	-----
3411 FABRICATED METAL PRODUCTS-----	3,568	2,977	591	-----	-----	198
3511 MACHINERY, EXCEPT ELECTRICAL-----	22,138	21,369	769	-----	-----	-----
3611 ELECTRICAL MACH AND EQUIP-----	1,994	-----	1,994	-----	-----	-----
3711 MOTOR VEHICLES, PARTS, EQUIP-----	8,347	8,916	1,461	-----	-----	-----
3811 INSTR, TIME, PHOTO, OPT GOODS-----	44	19	25	-----	-----	-----
3911 MISC MANUFACTURED PRODUCTS-----	73	15	58	-----	-----	-----
4011 IRON AND STEEL SCRAP-----	81,839	-----	79,139	-----	-----	2,700
4012 NONFERROUS METAL SCRAP-----	422	-----	-----	-----	-----	-----
4022 TEXTILE WASTE, SCRAP, SWEEP-----	672	-----	672	-----	-----	-----
4024 PAPER WASTE AND SCRAP-----	549	-----	549	-----	-----	-----
4112 COMMODITIES, NEC-----	501	497	4	-----	-----	-----
9999 DEPARTMENT OF DEFENSE AND SCI-----	1	-----	1	-----	-----	-----

## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

JAMES RIVER BELOW RICHMOND, VA.  
(INCLUDED IN JAMES RIVER CONSOLIDATED REPORT)

FREIGHT TRAFFIC, 1980

OCEANGOING

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN				DOMESTIC		
		IMPORTS	EXPORTS	THROUGH		RECEIPTS	SHIPMENTS	THROUGH
				UPBOUND	DOWNBOUND			UPBOUND
TOTAL	874,298	13,811	356,546	131,546	184,759	39,791	76,559	71,286
0119 OILSEEDS, NEC	192				192			
0121 TOBACCO, LEAF	59,768			53,923	5,845			
0191 MISCELLANEOUS FARM PRODUCTS	50				50			
0841 CRUDE RUBBER AND ALLIED GUMS	264			264				
0861 FOREST PRODUCTS, NEC	5				5			
1121 C7AL AND LIGNITE	16,059				16,059			
1442 SAND, GRAVEL, CRUSHED ROCK	10,825			108	10,717			
1493 SULPHUR, LIQUID	25,507					25,507		
1499 NONMETALLIC MINERALS, NEC	4,887				4,887			
2049 GRAIN MILL PRODUCTS, NEC	25			25				
2051 ALCOHOLIC BEVERAGES	12,812	58		11,088	1,666			
2099 MISCELLANEOUS FOOD PRODUCTS	137				137			
2111 TOBACCO MANUFACTURES	11,889		47	16	11,826			
2211 BASIC TEXTILE PRODUCTS	7,619			101	7,518			
2311 APPAREL	32				32			
2411 LOGS	35			35				
2413 FUEL WOOD, CHARCOAL, WASTES	38				38			
2421 LUMBER	3,791			2,317	1,474			
2431 VENEER, PLYWOOD, WORKED WOOD	107			44	63			
2491 WOOD MANUFACTURES, NEC	1,198			920	278			
2511 FURNITURE AND FIXTURES	250			34	216			
2611 PULP	1,171			265	906			
2631 PAPER AND PAPERBOARD	19,802			17,122	2,680			
2691 PULP AND PAPER PRODUCTS, NEC	779			24	755			
2711 PRINTED MATTER	72			1	71			
2818 SULPHURIC ACID	2,930					2,930		
2819 BASIC CHEMICALS AND PROD, NEC	27,100	13,638		4,698	8,044			
2821 PLASTIC MATERIALS	14,035			2,664	11,371			
2822 SYNTHETIC RUBBER	9,611				9,611			
2823 SYNTHETIC (MAN-MADE) FIBERS	1,391			34	1,357			
2831 DRUGS	63				63			
2841 SOAP	135			82	53			
2891 PAINTS	814			812	2			
2871 NITROGENOUS CHEM FERTILIZERS	435,020		354,885		291	9,600	70,244	
2873 PHOSPHATIC CHEM FERTILIZERS	6,315						6,315	
2876 INSECTICIDES, DISINFECTANTS	1,097			54	1,043			
2891 MISCELLANEOUS CHEMICAL PROD	492			144	348			
2914 DISTILLATE FUEL OIL	3				3			
2915 RESIDUAL FUEL OIL	1,754					1,754		
2918 LUBRICATING OILS AND GREASES	49				49			
2918 ASPHALT, TAR, AND BITUMENS	71,286							71,286
2920 COKE, PETROLEUM COKE	1,614		1,614					
2991 PETROLEUM AND COAL PROD, NEC	198			198				
3011 RUBBER AND MISC PLASTIC PROD	2,708	115		2,305	298			
3111 LEATHER AND LEATHER PRODUCTS	25				25			
3211 GLASS AND GLASS PRODUCTS	744			115	629			
3251 STRUCTURAL CLAY PRODUCTS	63				63			
3291 MISC NONMETALLIC MINERAL PROD	243			46	197			
3315 IRON, STEEL SHAPES, EXC SHEET	1,799			1,799				
3317 IRON AND STEEL PIPE AND TUBE	1				1			
3319 IRON AND STEEL PRODUCTS, NEC	45				45			
3322 COPPER ALLOYS, UNWORKED	100			100				
3324 ALUMINUM AND ALLOYS, UNWORKED	41			41				
3411 FABRICATED METAL PRODUCTS	3,368			2,077	391			
3511 MACHINERY, EXCEPT ELECTRICAL	22,138			21,369	769			
3611 ELECTRICAL MACH AND EQUIP	1,978			1,338	1,638			
3711 MOTOR VEHICLES, PARTS, EQUIP	8,317			6,816	1,401			
3811 INSTR, TIME, PHOTO, OPT GOODS	64			15	49			
3911 MISC MANUFACTURED PRODUCTS	73			15	58			
4011 IRON AND STEEL SCRAP	79,139				79,139			
4012 NONFERROUS METAL SCRAP	422				422			
4022 TEXTILE WASTE, SCRAP, SWEEP	672				672			
4024 PAPER WASTE AND SCRAP	549				549			
4112 COMMODITIES, NEC	501			497	4			
9999 DEPARTMENT OF DEFENSE AND SCI	1				1			
TOT-MILES, OCEANGOING	66,816,493							

INTERNAL  
(SHORT TONS)

COMMODITY	TOTAL	INBOUND		OUTBOUND		UPBOUND	DOWNBOUND	THROUGH	
		UPBOUND	DOWNBOUND	UPBOUND	DOWNBOUND			UPBOUND	DOWNBOUND
TOTAL	6,978,816	1,982,497	8,223	564,783	3,392,087	381	418,616	335,981	295,948
0911 FRESH FISH, EXCEPT SHELLFISH	137				29	91	6	19	
0912 SHELLFISH, EXCEPT PREPARED	2,452	88		1,071	218			191	48
0931 MARINE SHELLS, UNMANUFACTURED	4,874								
1442 SAND, GRAVEL, CRUSHED ROCK	9,226,872	1,149,147		560,281	3,899,914		418,616		
1493 SULPHUR, LIQUID	19,496								
2818 SULPHURIC ACID	20,680				9,950				
2819 BASIC CHEMICALS AND PROD, NEC	196,496	196,496							
2871 NITROGENOUS CHEM FERTILIZERS	228,888	6,964			219,321		1,808		
2873 PHOSPHATIC CHEM FERTILIZERS	4,619				4,619				
2911 GASOLINE	142,876			2,394				27,884	111,978

# NORFOLK, VA., DISTRICT

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(INCLUDED IN JAMES RIVER BELOW RICHMOND, VA.,  
(INCLUDED IN JAMES RIVER CONSOLIDATED REPORT)--CONTINUED

FREIGHT TRAFFIC, 1980--CONTINUED

INTERNAL--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	INBOUND		OUTBOUND		UPBOUND	DOWNBOUND	THROUGH	
		UPBOUND	DOWNBOUND	UPBOUND	DOWNBOUND			UPBOUND	DOWNBOUND
2013 KEROSENE-----	14,565	-----	-----	-----	-----	-----	-----	-----	14,565
2014 DISTILLATE FUEL OIL-----	223,369	18,854	-----	1,988	4,008	-----	-----	40,808	148,711
2019 RESIDUAL FUEL OIL-----	882,973	372,987	8,223	-----	17,083	-----	-----	267,636	17,044
2018 ASPHALT, TAR, AND PITCHES-----	9,999	-----	-----	-----	-----	-----	-----	9,999	-----
2091 PETROLEUM AND COAL PROD, NEC-----	1,331	559	-----	-----	-----	-----	-----	88	684
3316 IRON AND STEEL PLATES, SHEETS-----	28	-----	-----	-----	-----	-----	-----	-----	28
3411 FABRICATED METAL PRODUCTS-----	198	-----	-----	-----	-----	-----	-----	-----	198
3911 MACHINERY, EXCEPT ELECTRICAL-----	150	150	-----	-----	-----	-----	-----	-----	-----
3611 ELECTRICAL MACH AND EQUIP-----	300	-----	-----	-----	300	-----	-----	-----	-----
4011 IRON AND STEEL SCRAP-----	2,700	-----	-----	-----	-----	-----	-----	-----	2,700
TON-MILES, INTERNAL,	399,849,394.	-----	-----	-----	-----	-----	-----	-----	-----
TONS, ALL TRAFFIC,	7,853,114.	-----	-----	-----	-----	-----	-----	-----	-----
TON-MILES, ALL TRAFFIC,	466,165,887.	-----	-----	-----	-----	-----	-----	-----	-----

PART OF MOREWELL, VA.  
(INCLUDED IN JAMES RIVER, VA., CONSOLIDATED REPORT)

SECTION INCLUDED: SOUTH SIDE OF JAMES RIVER, FROM CITY POINT, AT MOUTH OF APPOMATTOX RIVER, 2.0 MILES DOWNSTREAM TO THE MOUTH OF  
BAILEYS CREEK. CONTROLLING DEPTH: 29.0 FEET AT MEAN LOW WATER. PROJECT DEPTH: 35 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971-----	1,224,630	1976-----	1,491,251
1972-----	921,560	1977-----	1,111,457
1973-----	1,096,964	1978-----	1,286,597
1974-----	1,156,422	1979-----	1,189,425
1975-----	1,233,679	1980-----	1,265,528

## FREIGHT TRAFFIC, 1980

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL-----	1,265,528	13,811	356,566	39,791	76,559	537,950	239,071	1,900
1442 SAND, GRAVEL, CRUSHED ROCK-----	57,356					57,356		
1493 SULPHUR, LIQUID-----	40,963			25,907		15,456		
2081 ALCOHOLIC BEVERAGES-----	58	58						
2111 TOBACCO MANUFACTURES-----	47		47					
2018 SULPHURIC ACID-----	23,610			2,930		14,930	5,750	
2819 BASIC CHEMICALS AND PROD. NEC-----	212,094	13,638				198,456		
2871 NITROGENOUS CHEM FERTILIZERS-----	662,814		354,885	9,600	70,244	6,964	219,321	1,800
2873 PHOSPHATIC CHEM FERTILIZERS-----	10,930				6,315		4,615	
2911 GASOLINE-----	2,594						2,594	
2914 DISTILLATE FUEL OIL-----	8,447					4,439	4,008	
2915 RESIDUAL FUEL OIL-----	244,886			1,754		240,349	2,783	
2920 COKE, PETROLEUM COKE-----	1,614		1,614					
3011 RUBBER AND MISC PLASTIC PROD-----	119	119						

## HAMPTON CREEK, VA.

SECTION INCLUDED: FROM THE CHANNEL ENTRANCE NEAR OLD POINT, VA., ACROSS HAMPTON BAR FLATS AND UP HAMPTON CREEK TO THE QUEEN STREET  
BRIDGE, A DISTANCE OF APPROXIMATELY 2.8 MILES. CONTROLLING DEPTH: 12.6 FEET AT MEAN LOW WATER. PROJECT DEPTH: 12 FEET AT MEAN LOW  
WATER. PROJECT LENGTH: 2.8 MILES.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1971-----	284,911	2,640	1976-----	293,710	-----
1972-----	345,661	1,740	1977-----	298,078	-----
1973-----	509,966	1,700	1978-----	338,544	-----
1974-----	477,308	1,680	1979-----	347,739	-----
1975-----	348,346	616	1980-----	433,002	-----



## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

HAMPTON CREEK, VA.--CONTINUED

FREIGHT TRAFFIC, 1980

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL	
		INBOUND	OUTBOUND
TOTAL-----	433,002	430,499	2,503
0011 FRESH FISH, EXCEPT SHELLFISH-----	9	9	-----
0012 SHELLFISH, EXCEPT PREPARED-----	1,431	1,260	171
1442 SAND, GRAVEL, CRUSHED ROCK-----	385,318	385,318	-----
2011 GASOLINE-----	2,641	2,641	-----
2013 KEROSENE-----	2,003	2,003	-----
2014 DISTILLATE FUEL OIL-----	39,072	36,740	2,332
2015 RESIDUAL FUEL OIL-----	874	874	-----
2091 PETROLEUM AND COAL PROD. NEC-----	1,654	1,654	-----
TOTAL TON-MILES, 1,286,545.			

APPOMATTOX RIVER, VA.

SECTION INCLUDED: FROM MOUTH TO PETERSBURG, VIRGINIA, 11.0 MILES. CONTROLLING DEPTH: FROM THE MOUTH TO MILE POINT 7.8, 6 FEET, THENCE TO MILE POINT 9.5, 2.8 FEET, THENCE TO MILE POINT 11.0, 1.6 FEET. PROJECT DEPTH: 12 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971-----	•	1976-----	276,949
1972-----	•	1977-----	618,445
1973-----	•	1978-----	870,444
1974-----	•	1979-----	761,269
1975-----	•	1980-----	1,153,366

• NO COMMERCE REPORTED

FREIGHT TRAFFIC, 1980

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL	
		INBOUND	OUTBOUND
TOTAL-----	1,153,366	4,219	1,149,147
1442 SAND, GRAVEL, CRUSHED ROCK-----	1,149,147	-----	1,149,147
2015 RESIDUAL FUEL OIL-----	4,219	4,219	-----
TOTAL TON-MILES, 10,350,761.			

ATLANTIC INTRACOASTAL WATERWAY BETWEEN NORFOLK, VA., AND  
THE ST. JOHNS RIVER, FLA. (NORFOLK DISTRICT) VIA  
GREAT BRIDGE LOCK ROUTE

SECTION INCLUDED: NORFOLK, VA., NORTH CAROLINA LINE. CONTROLLING DEPTH: 9.4 FEET AT MEAN LOW WATER, PROJECT DEPTH: 12 FEET AT MEAN LOW WATER, PROJECT LENGTH: 33.8 MILES.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1971-----	1,386,190	-----	1976-----	1,976,292	145
1972-----	1,959,107	96	1977-----	1,228,332	438
1973-----	1,371,710	146	1978-----	1,369,239	226
1974-----	1,118,231	118	1979-----	1,313,137	252
1975-----	1,187,187	238	1980-----	1,316,022	602

FREIGHT TRAFFIC, 1980

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE		THROUGH	INTERNAL	
		THROUGH			INBOUND	THROUGH
		NORTHBOUND	SOUTHBOUND	NORTHBOUND		
TOTAL-----	1,316,022	6,748	5,857	496,798	395,525	411,102
0103 CORN-----	65,021	-----	-----	63,798	-----	1,221
0107 WHEAT-----	26,931	-----	-----	26,931	-----	-----
0111 SOYBEANS-----	64,430	-----	-----	64,430	-----	-----
1091 NONFERROUS ORES, CONCENT. NEC-----	11,084	-----	-----	2,405	-----	8,599
1442 SAND, GRAVEL, CRUSHED ROCK-----	247,921	-----	-----	-----	247,921	-----
1493 SULPHUR, LIQUID-----	15,456	-----	-----	15,456	-----	-----
2092 ANIMAL OILS AND FATS, NEC-----	4,500	-----	-----	4,500	-----	-----
2099 MISCELLANEOUS FOOD PRODUCTS-----	28	-----	-----	-----	-----	28

# NORFOLK, VA., DISTRICT

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ATLANTIC INTRACOASTAL WATERWAY BETWEEN NORFOLK, VA., AND  
THE ST. JOHNS RIVER, FLA. (NORFOLK DISTRICT) VIA  
GREAT BRIDGE LOCK ROUTE--CONTINUED

FREIGHT TRAFFIC, 1948--CONTINUED

DOMESTIC--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE		THROUGH	INTERNAL		THROUGH
		NORTHBOUND	SOUTHBOUND		NORTHBOUND	SOUTHBOUND	
2211 BASIC TEXTILE PRODUCTS-----	1,954	-----	-----	-----	-----	-----	1,954
2414 TIMBER, POSTS, POLES, PILING-----	7,308	-----	-----	7,398	-----	-----	-----
2416 WOOD CHIPS, STAVES, MOLDINGS-----	43,249	-----	-----	43,249	-----	-----	-----
2611 PULP-----	109,142	-----	-----	109,142	-----	-----	-----
2631 PAPER AND PAPERBOARD-----	58,930	-----	-----	58,930	-----	-----	-----
2810 SODIUM HYDROXIDE-----	9,569	-----	-----	-----	-----	-----	9,569
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	1,500	-----	-----	-----	-----	-----	1,500
2818 SULPHURIC ACID-----	49,300	-----	-----	-----	-----	-----	49,300
2871 NITROGENOUS CHEM FERTILIZERS-----	28,210	-----	5,571	20,612	-----	-----	1,827
2873 PHOSPHATIC CHEM FERTILIZERS-----	12,214	-----	-----	12,214	-----	-----	-----
2911 GASOLINE-----	24,014	-----	-----	12,667	-----	-----	11,147
2912 JET FUEL-----	155,737	-----	-----	-----	147,604	-----	8,133
2914 DISTILLATE FUEL OIL-----	13,718	-----	60	12,067	-----	-----	1,591
2915 RESIDUAL FUEL OIL-----	241,666	-----	-----	6,691	-----	-----	234,777
2917 NAPHTHA, PETROLEUM SOLVENTS-----	5,234	-----	-----	5,234	-----	-----	-----
2920 COKE, PETROLEUM COKE-----	24,437	-----	-----	-----	-----	-----	24,437
2991 PETROLEUM AND COAL PROD, NEC-----	5,273	-----	-----	-----	-----	-----	5,273
3291 MISC NONMETALLIC MINERAL PROD-----	31	-----	-----	-----	-----	-----	31
3315 IRON, STEEL SHAPES, EXC SHEET-----	14,100	-----	-----	12,581	-----	-----	1,599
3316 IRON AND STEEL PLATES, SHEETS-----	10,688	-----	-----	-----	-----	-----	10,688
3318 FERROALLOYS-----	16,518	-----	-----	9,780	-----	-----	6,738
3411 FABRICATED METAL PRODUCTS-----	5,624	4,900	225	-----	-----	-----	499
3511 MACHINERY, EXCEPT ELECTRICAL-----	2,630	1,500	-----	765	-----	-----	365
3611 ELECTRICAL MACH AND EQUIP-----	1,030	-----	-----	725	-----	-----	305
3711 MOTOR VEHICLES, PARTS, EQUIP-----	15	-----	-----	15	-----	-----	-----
3731 SHIPS AND BOATS-----	1,513	348	-----	1,065	-----	-----	100
4011 IRON AND STEEL SCRAP-----	23,305	-----	-----	-----	-----	-----	23,305
4012 NONFERROUS METAL SCRAP-----	4,004	-----	-----	-----	-----	-----	4,004
4111 WATER-----	1,500	-----	-----	-----	-----	-----	1,500
4112 COMMODITIES, NEC-----	8,074	-----	1	5,463	-----	-----	2,610
TOTAL TON-MILES, 28,159,480.							

## BLACKWATER RIVER, VA.

SECTION INCLUDED: MOUTH OF RIVER TO FRANKLIN, VA., 13.1 MILES VIA TWO CUTOFFS, CONTROLLING DEPTH: 7 FEET AT MEAN LOW WATER, PROJECT DEPTH: 12 FEET AT MEAN LOW WATER, PROJECT LENGTH: 13.1 MILES.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971-----	236,374	1976-----	265,078
1972-----	233,723	1977-----	254,536
1973-----	260,809	1978-----	317,013
1974-----	217,988	1979-----	301,590
1975-----	215,125	1980-----	270,812

## FREIGHT TRAFFIC, 1980

DOMESTIC

(SHORT TONS)

COMMODITY	INTERNAL
2415 PULPMOOD, LOG-----	1480040
TOTAL TON-MILES, 3,520,556.	270,812

## YORK RIVER, VA.

SECTION INCLUDED: FROM THE MOUTH TO WEST POINT, VA., A DISTANCE OF 33.75 MILES, INCLUDING THE SOUTHERN AND WESTERN SHORELINE OF THE TOWN OF WEST POINT, CONTROLLING DEPTH: 17.6 FEET TO WEST POINT, 33 MILES ABOVE THE MOUTH; PROJECT DEPTH: 22 FEET, ALL AT MEAN LOW WATER, PROJECT LENGTH: 33.75 MILES.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1971-----	5,397,293	6,000	1976-----	9,639,308	2,000
1972-----	6,461,511	800	1977-----	9,794,874	1,727
1973-----	6,009,883	-----	1978-----	9,632,899	820
1974-----	5,675,112	300	1979-----	7,891,260	1,749
1975-----	7,074,721	470	1980-----	7,278,626	2,453

## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

YORK RIVER, VA.--CONTINUED

FREIGHT TRAFFIC, 1980

FOREIGN

(SHORT TONS)

COMMODITY	TOTAL	IMPORTS	EXPORTS
TOTAL-----	3,349,819	3,298,922	58,897
1311 CRUDE PETROLEUM-----	2,326,481	2,326,481	-----
2411 LOGS-----	7,351	-----	7,351
2421 LUMBER-----	851	-----	851
2611 PULP-----	36,513	-----	36,513
2631 PAPER AND PAPERBOARD-----	13,872	-----	13,872
2819 BASIC CHEMICALS AND PROD. NEC-----	11,107	11,107	-----
2911 GASOLINE-----	20,403	20,403	-----
2915 RESIDUAL FUEL OIL-----	932,931	932,931	-----
3611 ELECTRICAL MACH AND EQUIP-----	1	-----	1
4024 PAPER WASTE AND SCRAP-----	309	-----	309

TON-MILES, FOREIGN, 26,798,552.

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE		INBOUND UPBOUND	INTERNAL			DOWNBOUND	THROUGH DOWNBOUND
		RECEIPTS	SHIPMENTS		UPBOUND	DOWNBOUND	UPBOUND		
TOTAL-----	3,928,801	928,122	629,005	443,895	362	1,631,591	219,762	43,508	32,556
0102 BARLEY AND RYE-----	2,713	-----	-----	-----	-----	-----	-----	-----	2,713
0103 CORN-----	4,296	-----	-----	-----	-----	-----	-----	-----	4,296
0107 WHEAT-----	11,804	-----	-----	-----	-----	-----	-----	-----	11,804
0111 SOYBEANS-----	13,743	-----	-----	-----	-----	-----	-----	-----	13,743
0911 FRESH FISH, EXCEPT SHELLFISH-----	331	-----	-----	-----	24	97	10	280	-----
0912 SHELLFISH, EXCEPT PREPARED-----	2,013	-----	-----	386	338	986	82	621	-----
0931 MARINE SHELLS, UNMANUFACTURED-----	2,394	-----	-----	2,394	-----	-----	-----	-----	-----
1311 CRUDE PETROLEUM-----	72,330	72,330	-----	-----	-----	-----	-----	-----	-----
2415 PULPHOOD, LOG-----	34,531	-----	-----	34,531	-----	-----	-----	-----	-----
2416 WOOD CHIPS, STAVES, HOLDINGS-----	169,886	-----	-----	169,886	-----	-----	-----	-----	-----
2817 BENZENE AND TOLUENE-----	13,598	-----	-----	13,598	-----	-----	-----	-----	-----
2819 BASIC CHEMICALS AND PROD. NEC-----	6,370	-----	-----	6,370	-----	-----	-----	-----	-----
2911 GASOLINE-----	699,956	83,269	435,602	10,002	-----	168,848	-----	2,725	-----
2912 JET FUEL-----	197,160	13,728	-----	22,888	-----	160,544	-----	-----	-----
2913 KEROSENE-----	1,041	-----	1,041	-----	-----	-----	-----	-----	-----
2914 DISTILLATE FUEL OIL-----	828,812	11,085	174,130	57,857	-----	376,306	169,670	39,962	-----
2915 RESIDUAL FUEL OIL-----	1,841,951	742,066	8,110	118,700	-----	923,067	50,000	-----	-----
2916 LUBRICATING OILS AND GREASES-----	151	-----	-----	151	-----	-----	-----	-----	-----
2917 NAPHTHA, PETROLEUM SOLVENTS-----	11,149	5,624	-----	5,521	-----	-----	-----	-----	-----
2918 ASPHALT, TAR, AND BITUMENS-----	12,304	-----	10,122	-----	-----	2,182	-----	-----	-----
2991 PETROLEUM AND COAL PROD. NEC-----	2,259	-----	-----	1,700	-----	559	-----	-----	-----
3911 MACHINERY, EXCEPT ELECTRICAL-----	13	-----	-----	13	-----	-----	-----	-----	-----

TON-MILES, DOMESTIC, 24,745,078.

TONS, ALL TRAFFIC, 7,276,620.

TON-MILES, ALL TRAFFIC, 51,543,630.

## NORFOLK, VA., DISTRICT

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## OTHER HARBORS AND WATERWAYS

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON- MILES	PASSENGERS
PROJECT				
ABERDEEN CREEK, VA.	0912 SHELLFISH, EXCEPT PREPARED	9	9	
ATLANTIC INTRACOASTAL WATERWAY BETWEEN NORFOLK, VA., AND THE ST. JOHNS RIVER, FLA. (NORFOLK DISTRICT) DISMAL SWAMP AND PASQUOTANK RIVER	0103 CORN	43,789		
	0107 WHEAT	25,649		
	0111 SOYBEANS	52,257		
	2415 PULPHOOD, LOG	65,351		
	2416 WOOD CHIPS, STAVES, HOLDINGS	43,249		
	TOTAL	230,295	4,988,731	
BEACH CREEK, VA.	0912 SHELLFISH, EXCEPT PREPARED	389	389	
BROAD CREEK, VA.	0911 FRESH FISH, EXCEPT SHELLFISH	87		
	0912 SHELLFISH, EXCEPT PREPARED	262		
	TOTAL	349	349	
CAPE CHARLES CITY HARBOR, VA.	0911 FRESH FISH, EXCEPT SHELLFISH	25		
	0912 SHELLFISH, EXCEPT PREPARED	4,714		
	1442 SAND, GRAVEL, CRUSHED ROCK	116,936		
	2914 DISTILLATE FUEL OIL	306		
	2915 RESIDUAL FUEL OIL	92,789		
	2916 LUBRICATING OILS AND GREASES	172		
	3291 MISC NONMETALLIC MINERAL PROD	2,250		
	4111 WATER	3,500		
	TOTAL	220,692	662,076	262
CARTERS CREEK, VA.	0911 FRESH FISH, EXCEPT SHELLFISH	438		
	0912 SHELLFISH, EXCEPT PREPARED	862		
	2914 DISTILLATE FUEL OIL	1,302		
	TOTAL	2,602	2,602	
CHANNEL CONNECTING YORK RIVER, VA., WITH BACK CREEK TO SLAIGHTS WHARF, VA.	0911 FRESH FISH, EXCEPT SHELLFISH	40		
	0912 SHELLFISH, EXCEPT PREPARED	350		
	TOTAL	390	859	
CHANNEL FROM PHOEBUS, VA. TO DEEP WATER IN HAMPTON ROADS, VA.	NO COMMERCE REPORTED			
CHESCONESSEX CREEK, VA.	0911 FRESH FISH, EXCEPT SHELLFISH	80		
	0912 SHELLFISH, EXCEPT PREPARED	400		
	TOTAL	480	1,440	
CHINCOTEAGUE BAY, MD. AND VA.	0911 FRESH FISH, EXCEPT SHELLFISH	496		
	0912 SHELLFISH, EXCEPT PREPARED	7,973		
	TOTAL	8,469	108,990	180
CHINCOTEAGUE HARBOR OF REFUGE, VA.	NO COMMERCE REPORTED			
CRANES CREEK, VA.	0912 SHELLFISH, EXCEPT PREPARED	137	137	
DAVIS CREEK, VA.	0911 FRESH FISH, EXCEPT SHELLFISH	372		
	0912 SHELLFISH, EXCEPT PREPARED	837		
	TOTAL	1,209	1,209	
DEEP CREEK, ACCOMACK COUNTY, VA.	0912 SHELLFISH, EXCEPT PREPARED	71		
	0931 MARINE SHELLS, UNMANUFACTURED	5,285		
	TOTAL	5,356	16,108	
DEEP CREEK, NEWPORT NEWS, VA.	0911 FRESH FISH, EXCEPT SHELLFISH	15		
	0912 SHELLFISH, EXCEPT PREPARED	1,397		
	2914 DISTILLATE FUEL OIL	60		
	TOTAL	1,472	2,944	
DELAWARE BAY - CHESAPEAKE BAY WATERWAY - VIRGINIA PORTION	0911 FRESH FISH, EXCEPT SHELLFISH	2,131		
	0912 SHELLFISH, EXCEPT PREPARED	60,172		
	TOTAL	62,303	5,239,532	18,514
DYMERS CREEK, VA.	NO COMMERCE REPORTED			
GREENVALE CREEK, VA.	0912 SHELLFISH, EXCEPT PREPARED	411	411	
HORN HARBOR, VA.	0911 FRESH FISH, EXCEPT SHELLFISH	405		
	0912 SHELLFISH, EXCEPT PREPARED	123		
	TOTAL	528	1,584	
HOSKINS CREEK, VA.	0102 BARLEY AND RYE	5,885		
	0103 CORN	47,712		
	0107 WHEAT	13,719		
	0111 SOYBEANS	28,952		
	0911 FRESH FISH, EXCEPT SHELLFISH	25		
	TOTAL	96,293	96,293	
JACKSON CREEK, VA.	0912 SHELLFISH, EXCEPT PREPARED	108	108	640

## OTHER HARBORS AND WATERWAYS--CONTINUED

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON-MILES	PASSENGERS
PROJECT--CONTINUED				
KINGS CREEK, NORTHAMPTON COUNTY, VA.	0911 FRESH FISH, EXCEPT SHELLFISH	5		
	0912 SHELLFISH, EXCEPT PREPARED	1		
	TOTAL	6	6	660
LAFAYETTE RIVER, VA.	NO COMMERCE REPORTED			
LITTLE MACHIPONGO RIVER, VA.	0912 SHELLFISH, EXCEPT PREPARED	5,423	7,616	
LITTLE RIVER (CREEK), VA.	0912 SHELLFISH, EXCEPT PREPARED	15		
	1442 SAND, GRAVEL, CRUSHED ROCK	212,665		
	2014 DISTILLATE FUEL OIL	33,639		
	TOTAL	246,319	246,319	
LOCKLIES CREEK, VA.	0912 SHELLFISH, EXCEPT PREPARED	347	410	3,264
LYNHAVEN ROADS, INLET, AND CONNECTING WATERS, VA.	0911 FRESH FISH, EXCEPT SHELLFISH	8		
	0912 SHELLFISH, EXCEPT PREPARED	926		
	2914 DISTILLATE FUEL OIL	6,712		
	2915 RESIDUAL FUEL OIL	95,023		
	2916 LUBRICATING OILS AND GREASES	1,193		
	4111 WATER	12,700		
	TOTAL	115,462	138,008	1,200
MATTAPONI RIVER, VA.	0911 FRESH FISH, EXCEPT SHELLFISH	13		
	0912 SHELLFISH, EXCEPT PREPARED	15		
	TOTAL	28	196	
MEHEKRIN RIVER, N. C.	NO COMMERCE REPORTED			
MILFORD HAVEN, VA.	0911 FRESH FISH, EXCEPT SHELLFISH	55		
	0912 SHELLFISH, EXCEPT PREPARED	1,620		
	TOTAL	1,675	1,765	150
MILL CREEK, VA.	0911 FRESH FISH, EXCEPT SHELLFISH	4		
	0912 SHELLFISH, EXCEPT PREPARED	102		
	TOTAL	106	106	
MULBERRY CREEK, VA.	0911 FRESH FISH, EXCEPT SHELLFISH	6		
	0912 SHELLFISH, EXCEPT PREPARED	600		
	TOTAL	606	606	
NANDUA CREEK, VA.	0912 SHELLFISH, EXCEPT PREPARED	150	600	
NANSEMOND RIVER, VA.	0912 SHELLFISH, EXCEPT PREPARED	172		
	1442 SAND, GRAVEL, CRUSHED ROCK	53,544		
	2014 DISTILLATE FUEL OIL	293		
	TOTAL	54,009	915,850	
NEWPORT NEWS CREEK, VA. (INCLUDED IN PORT OF NEWPORT NEWS, VA.)	0912 SHELLFISH, EXCEPT PREPARED	1,521		
	1442 SAND, GRAVEL, CRUSHED ROCK	102,300		
	2911 GASOLINE	1,319		
	2913 KEROSENE	11,752		
	2914 DISTILLATE FUEL OIL	34,755		
	TOTAL	151,647	151,647	96,788
OCCHAMNOCK CREEK, VA.	0912 SHELLFISH, EXCEPT PREPARED	6	36	
ONANCOCK RIVER, VA.	0911 FRESH FISH, EXCEPT SHELLFISH	8		
	0912 SHELLFISH, EXCEPT PREPARED	144		
	2911 GASOLINE	11,601		
	2913 KEROSENE	996		
	2914 DISTILLATE FUEL OIL	14,326		
	TOTAL	27,075	136,130	
OYSTER CHANNEL, VA.	0912 SHELLFISH, EXCEPT PREPARED	745	745	
PAGAN RIVER, VA.	0911 FRESH FISH, EXCEPT SHELLFISH	20		
	0912 SHELLFISH, EXCEPT PREPARED	200		
	TOTAL	220	640	
PAMUNKY RIVER, VA.	0102 BARLEY AND RYE	2,713		
	0103 CORN	4,296		
	0107 WHEAT	11,604		
	0111 SOYBEANS	13,743		
	0911 FRESH FISH, EXCEPT SHELLFISH	11		
	0912 SHELLFISH, EXCEPT PREPARED	27		
	TOTAL	32,394	45,938	
PARKEE CREEK, VA.	0912 SHELLFISH, EXCEPT PREPARED	61	61	
PARROTTS CREEK, VA.	0912 SHELLFISH, EXCEPT PREPARED	394	394	
QUEENS CREEK, VA.	0912 SHELLFISH, EXCEPT PREPARED	9	9	
QUINBY CREEK, VA.	0912 SHELLFISH, EXCEPT PREPARED	2,926	2,926	110

## NORFOLK, VA., DISTRICT

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OTHER HARBORS AND WATERWAYS--CONTINUED

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON- MILES	PASSENGERS
PROJECT--CONTINUED				
RAPPAHANNOCK RIVER, VA.	0102 BARLEY AND RYE-----	5,485	-----	-----
	0103 CORN-----	70,312	-----	-----
	0107 WHEAT-----	15,239	-----	-----
	0111 SOYBEANS-----	31,752	-----	-----
	0011 FRESH FISH, EXCEPT SHELLFISH-----	1,152	-----	-----
	0012 SHELLFISH, EXCEPT PREPARED-----	4,484	-----	-----
	0013 MENHADEN-----	1,219	-----	-----
	0031 MARINE SHELLS, UNMANUFACTURED-----	0,015	-----	-----
	2415 PULPWOOD, LOG-----	18,910	-----	-----
	2416 WOOD CHIPS, STAVES, HOLDINGS-----	2,784	-----	-----
	2014 DISTILLATE FUEL OIL-----	1,302	-----	-----
	TOTAL-----	161,854	6,128,189	3,368
STARLINGS CREEK, VA.	0012 SHELLFISH, EXCEPT PREPARED-----	1,311	1,311	-----
TANGIER CHANNEL, VA.	0011 FRESH FISH, EXCEPT SHELLFISH-----	10	-----	-----
	0012 SHELLFISH, EXCEPT PREPARED-----	1,331	-----	-----
	2011 GASOLINE-----	524	-----	-----
	2013 KEROSENE-----	413	-----	-----
	2014 DISTILLATE FUEL OIL-----	1,081	-----	-----
	4112 COMMODITIES, NE-----	16	-----	-----
	TOTAL-----	3,375	3,375	17,236
TOTUSKEY CREEK, VA.	0011 FRESH FISH, EXCEPT SHELLFISH-----	15	-----	-----
	0012 SHELLFISH, EXCEPT PREPARED-----	2	-----	-----
	2415 PULPWOOD, LOG-----	11,425	-----	-----
	TOTAL-----	11,442	54,436	-----
TYLERS BEACH, VA.	0011 FRESH FISH, EXCEPT SHELLFISH-----	5	5	-----
URBANNA CREEK, VA.	0012 SHELLFISH, EXCEPT PREPARED-----	123	123	-----
WILLOUGHBY CHANNEL, VA.	0011 FRESH FISH, EXCEPT SHELLFISH-----	37	-----	-----
	0012 SHELLFISH, EXCEPT PREPARED-----	104	-----	-----
	TOTAL-----	141	222	-----
WINTER HARBOR, VA.	0011 FRESH FISH, EXCEPT SHELLFISH-----	32	-----	-----
	0012 SHELLFISH, EXCEPT PREPARED-----	91	-----	-----
	TOTAL-----	123	123	-----
WISHART POINT CHANNEL, VA.	NO COMMERCE REPORTED	-----	-----	-----

## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

## WILMINGTON, N. C., DISTRICT

CHOWAN RIVER, N. C.

SECTION INCLUDED: FROM THE MOUTH AT EDENTON, N.C. TO ITS HEAD FORMED BY THE JUNCTIONS OF THE BLACKWATER AND NOTTOWAY RIVERS, 52 MILES;  
 CONTROLLING DEPTH: 11 FEET. PROJECT DEPTH: 12 FEET DEEP, 80 FEET WIDE.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971-----	243,350	1976-----	267,727
1972-----	236,144	1977-----	257,569
1973-----	241,845	1978-----	320,171
1974-----	221,219	1979-----	303,196
1975-----	217,400	1980-----	273,229

## FREIGHT TRAFFIC, 1980

## DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL			THROUGH UPBOUND
		OUTBOUND	UPBOUND	DOWNBOUND	
TOTAL-----	273,229	49,336	250	2,167	221,476
0911 FRESH FISH, EXCEPT SHELLFISH-----	2,417		250	2,167	
2415 PULPHOOD, LOG-----	270,812	49,336			221,476
TOTAL TON-MILES, 12,274,614.					

## ROANoke RIVER, N. C.

SECTION INCLUDED: MOUTH OF RIVER TO WELDON, N.C., 131 MILES. CONTROLLING DEPTH: 9.7 FEET FROM MOUTH OF RIVER TO 1 MILE ABOVE  
 PLYMOUTH; BRANCH CHANNELS RANGE FROM 1 TO 8.0 FEET. PROJECT DEPTH: 12 FEET FROM MOUTH OF RIVER TO 1 MILE ABOVE PLYMOUTH; BRANCH  
 CHANNELS RANGE FROM 5 TO 10 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

(SHORT TONS)

YEAR	VESSEL TRAFFIC	RAFTED	TOTAL	YEAR	VESSEL TRAFFIC	RAFTED	TOTAL
1971-----	468,856	4,054	472,910	1976-----	481,958	4,692	486,650
1972-----	437,054	5,963	443,017	1977-----	545,359	5,212	550,571
1973-----	458,803	7,298	466,101	1978-----	516,494	3,859	520,353
1974-----	256,268	5,912	262,180	1979-----	298,619	2,856	301,475
1975-----	366,440	4,095	370,535	1980-----	326,472	615	327,087

## FREIGHT TRAFFIC, 1980

## DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL		
		INBOUND	OUTBOUND	DOWNBOUND
TOTAL-----	327,087	232,105	94,287	615
2412 RAFTED LOGS-----	615			615
2415 PULPHOOD, LOG-----	94,287		94,287	
2914 DISTILLATE FUEL OIL-----	1,591	1,591		
2915 RESIDUAL FUEL OIL-----	230,594	230,594		
TOTAL TON-MILES, 6,726,963.				

## PAHLICO AND TAR RIVERS, N. C.

SECTION INCLUDED: FROM 14 MILES BELOW WASHINGTON ON PAHLICO RIVER, TO LITTLE FALLS, 83 MILES ABOVE WASHINGTON ON TAR RIVER, A TOTAL  
 DISTANCE OF 97 MILES. CONTROLLING DEPTH: 18.3 FEET TO WASHINGTON, 6.0 FEET FROM WASHINGTON TO HARDEE CREEK; BRANCH CHANNELS RANGE FROM  
 1 TO 6 FEET. PROJECT DEPTH: 12 FEET TO HARDEE CREEK, 6 FEET TO GREENVILLE, AND 20 INCHES TO YARBORO, THENCE TO CLEAR NATURAL CHANNEL  
 ABOVE YARBORO TO LITTLE FALLS. ALL AT MEAN LOW WATER. NAVIGATION SEASON: NAVIGABLE TO GREENVILLE THE ENTIRE YEAR; ABOVE GREENVILLE  
 DURING FRESHET STAGES, WHICH PREVAIL FOR 4 TO 6 MONTHS DURING THE YEAR.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971-----	473,897	1976-----	772,663
1972-----	550,866	1977-----	1,172,820
1973-----	324	1978-----	1,269,750
1974-----	27,849	1979-----	1,321,381
1975-----	60,804	1980-----	846,583

## WILMINGTON, N. C., DISTRICT

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PAMLICO AND TAR RIVERS, N. C.--CONTINUED

FREIGHT TRAFFIC, 1980

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL		
		INBOUND	OUTBOUND	THROUGH UPBOUND
TOTAL-----	846,983	491,860	394,625	98
0911 FRESH FISH, EXCEPT SHELLFISH-----	3			3
0912 SHELLFISH, EXCEPT PREPARED-----	95			95
1403 SULPHUR, LIQUID-----	374,000	374,000		
2010 SULPHURIC ACID-----	49,300	49,300		
2071 NITROGENOUS CHEM FERTILIZERS-----	7,300		7,300	
2073 PHOSPHATIC CHEM FERTILIZERS-----	59,125		59,125	
2079 FERTILIZER AND MATERIALS, NEC-----	328,200		328,200	
2015 RESIDUAL FUEL OIL-----	28,491	28,491		
3731 SHIPS AND BOATS-----	69	69		
TOTAL TON-MILES, 21,165,715.				

ATLANTIC INTRACOASTAL WATERWAY BETWEEN NORFOLK, VA., AND  
THE ST. JOHNS RIVER, FLA. (WILMINGTON DISTRICT)SECTION INCLUDED: ATLANTIC INTRACOASTAL WATERWAY, VIRGINIA STATE LINE TO SOUTH CAROLINA STATE LINE, INCLUDING WATERWAY TO JACKSONVILLE,  
N. C. CONTROLLING DEPTH: 8 FEET THROUGH THE WATERWAY AND 09 FEET TO JACKSONVILLE, N. C. PROJECT DEPTH: 12 FEET, ALL AT MEAN LOW  
WATER.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1971-----	2,512,357	102,900	1976-----	2,973,015	153,944
1972-----	2,919,796	96	1977-----	3,343,634	62,883
1973-----	2,435,838	75,646	1978-----	3,628,049	77,342
1974-----	2,066,990	56,540	1979-----	3,719,199	28,318
1975-----	2,035,948	96,810	1980-----	2,603,366	33,886

FREIGHT TRAFFIC, 1980

OCEANGOING

(SHORT TONS)

COMMODITY	TOTAL	DOMESTIC COASTWISE THROUGH	
		NORTHBOUND	SOUTHBOUND
TOTAL-----	22,399	16,542	5,857
2013 ALCOHOLS-----	9,794	9,794	
2071 NITROGENOUS CHEM FERTILIZERS-----	5,571		5,571
2914 DISTILLATE FUEL OIL-----	60		60
3411 FABRICATED METAL PRODUCTS-----	5,125	4,900	225
3511 MACHINERY, EXCEPT ELECTRICAL-----	1,500	1,500	
3731 SHIPS AND BOATS-----	348	348	
4112 COMMODITIES, NEC-----	1		1
TON-MILES, OCEANGOING, 4,205,542.			

INTERNAL

(SHORT TONS)

COMMODITY	TOTAL	NORTHBOUND	INBOUND NORTHBOUND	OUTBOUND NORTHBOUND	THROUGH NORTHBOUND	SOUTHBOUND	INBOUND SOUTHBOUND	OUTBOUND SOUTHBOUND	THROUGH SOUTHBOUND
TOTAL-----	2,580,967	6	4,339	36,666	922,560	1,336	9,681	65,704	1,538,695
0103 CORN-----	65,821			13,643	50,147				1,231
0107 WHEAT-----	28,931				28,931				
0111 SOYBEANS-----	64,430			8,503	55,927				
0911 FRESH FISH, EXCEPT SHELLFISH-----	13,156		830	5,448	630	178	3,787		2,291
0912 SHELLFISH, EXCEPT PREPARED-----	12,744	6	2,480		2,274	1,158	636		6,238
0913 MENHADEN-----	6,242				2,111		3,451		680
1011 IRON ORE AND CONCENTRATES-----	353,581								353,581
1091 NONFERROUS ORES, CONCENT, NEC-----	11,884				2,485				6,599
1442 SAND, GRAVEL, CRUSHED ROCK-----	8,194		3,879		5,115				
1493 SULPHUR, LIQUID-----	389,456				389,456				
1499 NONMETALLIC MINERALS, NEC-----	956				956				
2092 ANIMAL OILS AND FATS, NEC-----	13,980			9,088	4,900				
2099 MISCELLANEOUS FOOD PRODUCTS-----	19,609				19,609				20
2211 BASIC TEXTILE PRODUCTS-----	1,954								1,954
2414 TIMBER, POSTS, POLES, PILING-----	7,398				7,398				
2419 PULPMOOD, LOG-----	302,315							65,704	316,611
2416 WOOD CHIPS, STAVES, HOLDINGS-----	43,849				43,849				
2611 PULP-----	109,142				109,142				
2631 PAPER AND PAPERBOARD-----	58,930				58,930				
2810 SODIUM HYDROXIDE-----	11,719								11,719
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	1,500								1,500
2818 SULPHURIC ACID-----	49,300								49,300
2071 NITROGENOUS CHEM FERTILIZERS-----	24,339				15,212		1,787		7,340



## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

ATLANTIC INTRACOASTAL WATERWAY BETWEEN NORFOLK, VA., AND  
THE ST. JOHNS RIVER, FLA. (WILMINGTON DISTRICT)--CONTINUED

FREIGHT TRAFFIC, 1980--CONTINUED

INTERNAL--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	NORTHBOUND	INBOUND NORTHBOUND	OUTBOUND NORTHBOUND	THROUGH NORTHBOUND	SOUTHBOUND	INBOUND SOUTHBOUND	OUTBOUND SOUTHBOUND	THROUGH SOUTHBOUND
2873 PHOSPHATIC GUM FERTILIZERS----	64,140	-----	-----	-----	12,214	-----	-----	-----	51,926
2879 FERTILIZER AND MATERIALS, NEC----	328,200	-----	-----	-----	-----	-----	-----	-----	328,200
2881 GASOLINE-----	47,018	-----	-----	-----	12,867	-----	-----	-----	34,151
2912 JET FUEL-----	8,133	-----	-----	-----	-----	-----	-----	-----	8,133
2914 DISTILLATE FUEL OIL-----	16,243	-----	-----	-----	14,652	-----	-----	-----	1,591
2915 RESIDUAL FUEL OIL-----	268,391	-----	-----	-----	33,604	-----	-----	-----	234,777
2917 NAPHTHA, PETROLEUM SOLVENTS----	42,214	-----	-----	-----	8,870	-----	-----	-----	33,344
2920 COKE, PETROLEUM COKE-----	24,437	-----	-----	-----	-----	-----	-----	-----	24,437
2991 PETROLEUM AND COAL PROD, NEC----	5,273	-----	-----	-----	-----	-----	-----	-----	5,273
3211 GLASS AND GLASS PRODUCTS-----	800	-----	-----	-----	800	-----	-----	-----	-----
3291 MISC NONMETALLIC MINERAL PROD----	31	-----	-----	-----	-----	-----	-----	-----	31
3315 IRON, STEEL SHAPES, EXC SHEET----	24,234	-----	-----	-----	26,639	-----	-----	-----	1,599
3316 IRON AND STEEL PLATES, SHEETS----	11,176	-----	-----	-----	488	-----	-----	-----	10,688
3318 FERRALLOYS-----	16,519	-----	-----	-----	9,780	-----	-----	-----	6,738
3319 IRON AND STEEL PRODUCTS, NEC----	1,051	-----	-----	-----	1,051	-----	-----	-----	-----
3411 FARMICATED METAL PRODUCTS-----	1,265	-----	-----	-----	756	-----	-----	-----	499
3511 MACHINERY, EXCEPT ELECTRICAL----	1,780	-----	-----	-----	915	-----	-----	-----	865
3611 ELECTRICAL MACH AND EQUIP-----	1,035	-----	-----	-----	725	-----	-----	-----	310
3711 MOTOR VEHICLES, PARTS, EQUIP----	15	-----	-----	-----	15	-----	-----	-----	-----
3731 SHIPS AND BOATS-----	1,313	-----	-----	-----	1,213	-----	-----	-----	100
4011 IRON AND STEEL SCRAP-----	28,305	-----	-----	-----	-----	-----	-----	-----	28,305
4012 NONFERROUS METAL SCRAP-----	4,004	-----	-----	-----	-----	-----	-----	-----	4,004
4112 COMMODITIES, NEC-----	10,567	-----	-----	-----	7,907	-----	-----	-----	2,660
TON-MILES, INTERNAL, 237,122,974.									
TONS, ALL TRAFFIC, 2,803,366.									
TON-MILES, ALL TRAFFIC, 241,328,118.									

## MOREHEAD CITY HARBOR, N. C.

SECTION INCLUDED: MOREHEAD CITY HARBOR, N. C. CONTROLLING DEPTH: 40.0 FEET FROM THE OCEAN TO THE MARINE TERMINALS; OTHER CHANNELS RANGE FROM 5.4 TO 12.0 FEET. PROJECT DEPTH: 42 FEET DEEP 450 FEET WIDE ACROSS R&F CHANNEL; A CUTOFF CHANNEL, 40 FEET DEEP AND 600 FEET WIDE, AN INNER HARBOR CHANNEL 40 FEET DEEP AND 400 FEET WIDE; AND A DEPTH OF 48 FEET IN THE EAST LEG OF THE TURNING BASIN, INCLUDING A 1,200-FOOT DIAMETER TURNING AREA; 35 FEET IN THE WEST LEG OF THE TURNING BASIN AND 12 FEET FROM THE TURNING BASIN TO 10TH STREET, MOREHEAD CITY, AND 6 FEET TO ROQUE SOUND, ALL AT MEAN LOW WATER.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	ADDITIONAL THROUGH TRAFFIC (TONS)	YEAR	TONS	PASSENGERS	ADDITIONAL THROUGH TRAFFIC (TONS)
1971-----	1,289,768	71,465	26,696	1976-----	2,503,675	30,052	14,534
1972-----	1,422,933	9	32,815	1977-----	2,874,828	22,500	29,887
1973-----	1,160,988	19,492	21,614	1978-----	3,343,434	84,488	18,991
1974-----	1,512,883	23,513	29,150	1979-----	3,568,907	16,684	48,499
1975-----	1,522,208	32,045	21,872	1980-----	3,010,777	114	40,919

## FREIGHT TRAFFIC, 1980

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		
		IMPORTS	EXPORTS	COASTWISE RECEIPTS	INTERNAL RECEIPTS	SHIPMENTS
TOTAL-----	3,010,777	407,598	981,856	819,546	383,682	418,715
0103 CORN-----	59	-----	59	-----	-----	-----
0121 TOBACCO, LEAF-----	59,437	963	58,474	-----	-----	-----
0129 FIELD CROPS, NEC-----	6	6	-----	-----	-----	-----
0133 COFFEE-----	38	38	-----	-----	-----	-----
0161 ANIMALS AND PRODUCTS, NEC----	3	3	-----	-----	-----	-----
0841 CRUDE RUBBER AND ALLIED GUMS----	22	22	-----	-----	-----	-----
0911 FRESH FISH, EXCEPT SHELLFISH----	290	-----	-----	-----	290	-----
0912 SHELLFISH, EXCEPT PREPARED----	95	-----	-----	-----	95	-----
1311 CRUDE PETROLEUM-----	3,225	3,225	-----	-----	-----	-----
1451 CLAY-----	371	-----	-----	-----	-----	-----
1471 PHOSPHATE ROCK-----	319,417	-----	319,417	-----	-----	-----
1493 SULPHUR, LIQUID-----	1,071,843	-----	-----	682,387	-----	389,456
1911 ORDNANCE AND ACCESSORIES-----	35	35	-----	-----	-----	-----
2031 FISH AND SHELLFISH, PREPARED----	1	1	-----	-----	-----	-----
2034 VEGETABLES AND PREP, NEC-----	194	194	-----	-----	-----	-----
2039 PREP FRUIT AND VEG JUICE, NEC----	277	-----	277	-----	-----	-----
2042 PREPARED ANIMAL FEEDS-----	3,958	3,953	-----	-----	-----	-----
2049 GRAIN MILL PRODUCTS, NEC-----	7	7	-----	-----	-----	-----
2061 SUGAR-----	20	20	-----	-----	-----	-----
2061 ALCOHOLIC BEVERAGES-----	420	420	-----	-----	-----	-----
2099 MISCELLANEOUS FOOD PRODUCTS-----	205	177	28	-----	-----	-----
2111 TOBACCO MANUFACTURER-----	396	-----	396	-----	-----	-----
2211 BASIC TEXTILE PRODUCTS-----	222	30	192	-----	-----	-----
2311 APPAREL-----	5	3	2	-----	-----	-----
2411 LOGS-----	29,548	-----	29,548	-----	-----	-----
2421 LUMBER-----	99,717	20,487	79,230	-----	-----	-----
2431 VENEER, PLYWOOD, WORKED WOOD----	3,718	-----	3,718	-----	-----	-----

## WILMINGTON, N. C., DISTRICT

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MOREHEAD CITY HARBOR, N. C.--CONTINUED

FREIGHT TRAFFIC, 1980--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		
		IMPORTS	EXPORTS	COASTWISE RECEIPTS	INTERNAL RECEIPTS	SHIPMENTS
2491 WOOD MANUFACTURES, NEC-----	45	7	38			
2511 FURNITURE AND FIXTURES-----	78	71	7			
2611 PULP-----	96,510		96,510			
2631 PAPER AND PAPERBOARD-----	29,837	11	29,826			
2691 PULP AND PAPER PRODUCTS, NEC-----	5,056	49	5,007			
2711 PRINTED MATTER-----	95	75	20			
2810 SODIUM HYDROXIDE-----	2,150					2,150
2811 CRUDE YAR, OIL, GAS PRODUCTS-----	1	1				
2819 BASIC CHEMICALS AND PROD, NEC-----	34,189	33,700	489			
2821 PLASTIC MATERIALS-----	759	219	540			
2823 SYNTHETIC (MAN-MADE) FIBERS-----	306	250	56			
2831 DRUGS-----	33	33				
2841 SOAP-----	3	3				
2851 PAINTS-----	146	146				
2871 NITROGENOUS CHEM FERTILIZERS-----	42,749	33,891		6,000	1,740	1,118
2872 POTASSIC CHEM FERTILIZERS-----	46,587		46,587			
2873 PHOSPHATIC CHEM FERTILIZERS-----	320,033		288,107		51,926	
2876 INSECTICIDES, DISINFECTANTS-----	360		360			
2879 FERTILIZER AND MATERIALS, NEC-----	371,234	139	42,895		328,200	
2891 MISCELLANEOUS CHEMICAL PROD-----	141	63	78			
2911 GASOLINE-----	55,206	55,206				
2912 JET FUEL-----	123,887			123,887		
2919 RESIDUAL FUEL OIL-----	179,323	152,610			1,222	25,491
2919 LUBRICATING OILS AND GREASES-----	16	16				
2919 ASPHALT, TAR, AND BITUMENS-----	103,192	95,920		7,272		
2991 PETROLEUM AND COAL PROD, NEC-----	1	1				
3011 RUBBER AND MISC PLASTIC PROD-----	469	90	319			
3111 LEATHER AND LEATHER PRODUCTS-----	17	17				
3211 GLASS AND GLASS PRODUCTS-----	33	33				
3251 STRUCTURAL CLAY PRODUCTS-----	129	129				
3291 MISC NONMETALLIC MINERAL PROD-----	251	197	54			
3319 IRON, STEEL SHAPES, EXC SHEET-----	36	36				
3316 IRON AND STEEL PLATES, SHEETS-----	670		670			
3319 IRON AND STEEL PRODUCTS, NEC-----	111	111				
3321 NONFERROUS METALS, NEC-----	83	83				
3322 COPPER ALLOYS, UNWORKED-----	56	56				
3323 LEAD AND ZINC, UNWORKED-----	11	11				
3324 ALUMINUM AND ALLOYS, UNWORKED-----	1,585	20	1,565			
3411 FABRICATED METAL PRODUCTS-----	1,105	838	267			
3511 MACHINERY, EXCEPT ELECTRICAL-----	3,574	2,881	43		150	500
3611 ELECTRICAL MACH AND EQUIP-----	374	350	24			
3711 MOTOR VEHICLES, PARTS, EQUIP-----	68	53	15			
3731 SHIPS AND BOATS-----	80		1		79	
3811 INSTR, TIME, PHOTO, OPT GOODS-----	4	4				
3911 MISC MANUFACTURED PRODUCTS-----	77	41	36			
4012 NONFERROUS METAL SCRAP-----	399		399			
4022 TEXTILE WASTE, SCRAP, SWEEP-----	5	5				
4112 COMMODITIES, NEC-----	275	275				
TOTAL TON-MILES, 12,041,654.						

PORT OF WILMINGTON, N. C.  
(SEE ALSO WILMINGTON HARBOR, N. C., FOR WATERWAY DATA)

SECTION INCLUDED: BOTH BANKS OF THE CAPE FEAR RIVER EXTENDING FROM A POINT ABOUT 18 MILES BELOW THE FOOT OF CASTLE STREET IN WILMINGTON TO A POINT ABOUT 2 MILES ABOVE THE RAILROAD BRIDGE AT NAVASSA, AND BOTH BANKS OF NORTHEAST (CAPE FEAR) RIVER FROM ITS MOUTH TO A POINT ABOUT 1.67 MILES ABOVE THE MILTON RAILROAD BRIDGE.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1971-----	6,050,538	86,880	1976-----	7,950,333	110,163
1972-----	7,389,971	88,905	1977-----	9,504,953	96,448
1973-----	9,300,972	96,737	1978-----	9,812,517	109,431
1974-----	8,718,881	96,825	1979-----	9,876,644	141,754
1975-----	7,372,232	113,853	1980-----	7,826,468	147,145

## FREIGHT TRAFFIC, 1980

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL-----	7,826,468	2,881,883	611,906	2,920,415	207,208	71,472	1,092,512	11,172
0119 OILSEEDS, NEC-----	158		158					
0121 TOBACCO, LEAF-----	58,013	19,596	37,929	588				
0131 FRESH FRUITS AND TREE NUTS-----	4,547		4,547					
0133 COFFEE-----	38	38						
0141 FRESH AND FROZEN VEGETABLES-----	365		365					
0161 ANIMALS AND PRODUCTS, NEC-----	1,476		1,476					
0191 MISCELLANEOUS FARM PRODUCTS-----	46	44	2					
0841 CRUDE RUBBER AND ALLIED GUMS-----	59	55	4					
0861 FOREST PRODUCTS, NEC-----	82	82						
1011 IRON ORE AND CONCENTRATES-----	808,667	455,086					353,581	

## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

PORT OF WILMINGTON, N. C.  
(SEE ALSO WILMINGTON HARBOR, N. C. FOR WATERWAY DATA)--CONTINUED

FREIGHT TRAFFIC, 1980--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	COASTWISE RECEIPTS SHIPMENTS	INTERNAL RECEIPTS SHIPMENTS	
1051 ALUMINUM ORES, CONCENTRATES-----	14	14				
1091 NONFERROUS ORES, CONCENT, NEC-----	130,427	130,427				
1311 CRUDE PETROLEUM, CONCENT, NEC-----	331,291	331,291				
1411 LIMESTONE-----	179,059	179,059				
1442 SAND, GRAVEL, CRUSHED ROCK-----	1,731	1,731				
1471 CLAY-----	344	80	264			
1471 PHOSPHATE ROCK-----	32,054	32,054				
1479 NATURAL FERTILIZER MATS, NEC-----	8,702	8,702				
1491 SALT-----	184,354	184,354				
1499 NONMETALLIC MINERALS, NEC-----	1,173	2	1,171			
1911 ORDNANCE AND ACCESSORIES-----	27	1	26			
2011 MEAT, FRESH, CHILLED, FROZEN-----	1,680	13	1,667			
2021 DAIRY PRODUCTS, NEC-----	25			21		
2031 FISH AND SHELLFISH, PREPARED-----	204	204				
2034 VEGETABLES AND PREP, NEC-----	389	389				
2039 PREP FRUIT AND VEG JUICE, NEC-----	791	296	495			
2041 WHEAT FLOUR AND SEMOLINA-----	650		650			
2042 PREPARED ANIMAL FEEDS-----	21,063		21,063			
2049 GRAIN MILL PRODUCTS, NEC-----	139	49		90		
2062 MOLASSES-----	5,194			3,025	2,169	
2081 ALCOHOLIC BEVERAGES-----	11,221	5,244		5,977		
2091 VEGETABLE OILS, MARG, SHORT-----	7	7				
2092 ANIMAL OILS AND FATS, NEC-----	18		18			
2099 MISCELLANEOUS FOOD PRODUCTS-----	20,091	588	3,914		15,589	
2111 TOBACCO MANUFACTURES-----	9,340	2,548	6,792			
2211 BASIC TEXTILE PRODUCTS-----	32,401	3,359	28,056		386	
2212 TEXTILE FIBERS, NEC-----	176		176			
2311 APPAREL-----	1,543	1,068	475			
2411 LUMBER-----	6,407		325		6,082	
2414 TIMBER, POSTS, POLES, PILING-----	3		3			
2415 PULPWOOD, LOG-----	111,373				111,373	
2421 LUMBER-----	10,587	92	10,495			
2431 VENEER, PLYWOOD, WORKED WOOD-----	12,877	11,684	1,191	2		
2491 WOOD MANUFACTURES, NEC-----	710	211	499			
2511 FURNITURE AND FIXTURES-----	4,509	3,680	829	4		
2611 PULP-----	180,164		180,164			
2631 PAPER AND PAPERBOARD-----	18,109	863	18,973	273		
2691 PULP AND PAPER PRODUCTS, NEC-----	8,319	272	8,047			
2711 PRINTED MATTER-----	222	29	193			
2810 SODIUM HYDROXIDE-----	126,015			126,015		
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	41,307	4,483		36,824		
2812 DYES, PIGMENT, TANNING MATS-----	4		4			
2813 ALCOHOLS-----	365,942			209,915	66,027	
2817 BENZENE AND TOLUENE-----	20,520			20,520		
2819 BASIC CHEMICALS AND PROD, NEC-----	1,134,643	247,378	75,574	512,787	314,754	1,000
2821 PLASTIC MATERIALS-----	7,404	867	6,537	69		
2823 SYNTHETIC (MAN-MADE) FIBERS-----	12,126	2,155	9,971			
2831 DRUGS-----	104	98	6			
2841 SOAP-----	257	106	151			
2851 PAINTS-----	1,958	1,842	116			
2871 NITROGENOUS CHEM FERTILIZERS-----	92,746	82,105			8,598	2,103
2873 PHOSPHATIC CHEM FERTILIZERS-----	194,344	194,344				
2879 FERTILIZER AND MATERIALS, NEC-----	68,957	15,101	50,106		3,750	
2891 MISCELLANEOUS CHEMICAL PROD-----	3,982	193	3,789			
2911 GASOLINE-----	611,006			545,960	18,028	11,147
2912 JET FUEL-----	7,127			7,127		
2913 KEROSENE-----	68,838			68,838		
2914 DISTILLATE FUEL OIL-----	440,950			408,786	29,579	2,585
2915 RESIDUAL FUEL OIL-----	1,657,625	791,332	470,442	227,583	169,199	8,069
2916 LUBRICATING OILS AND GREASES-----	25,680	26,537	143			
2917 NAPHTHA, PETROLEUM SOLVENTS-----	25,378		183,219	5,179	3,636	33,344
2918 ASPHALT, TAR, AND BITUMES-----	199,874		189,729		10,145	
2920 COKE, PETROLEUM CONP-----	105		105			
2921 LIQUEFIED GASES-----	14		14			
2991 PETROLEUM AND COAL PROD, NEC-----	26,781		126	25,331	1,324	
3011 RUBBER AND MISC PLASTIC PROD-----	2,820	883	2,006	11		
3111 LEATHER AND LEATHER PRODUCTS-----	192	188	24			
3211 GLASS AND GLASS PRODUCTS-----	4,449	2,310	1,314	25	800	
3251 STRUCTURAL CLAY PRODUCTS-----	1,361	175	1,186			
3281 CRYSTAL AND STONE PRODUCTS-----	35	35				
3291 MISC NONMETALLIC MINERAL PROD-----	4,008	686	3,422			
3314 IRON AND STEEL PRIMARY FORMS-----	15,236		15,236			
3315 IRON, STEEL SHAPES, EXC SHEET-----	65,183	90,795	13	317	14,058	
3316 IRON AND STEEL PLATES, EXC SHEET-----	531		43		488	
3317 IRON AND STEEL PIPE AND TUBE-----	18,699	18,336	323			
3318 FERROALLOYS-----	187	187				
3319 IRON AND STEEL PRODUCTS, NEC-----	2,763	1,545	127	40	1,091	
3321 NONFERROUS METALS, NEC-----	299	284	94	37		
3322 COPPER ALLOYS, UNWORKED-----	856	699	52	105		
3324 ALUMINUM AND ALLOYS, UNWORKED-----	5,001	445	4,596			
3411 FABRICATED METAL PRODUCTS-----	29,305	23,440	4,791	348	766	
3511 MACHINERY, EXCEPT ELECTRICAL-----	26,679	18,283	7,735	741		
3611 ELECTRICAL MATH AND EQUIP-----	3,318	861	2,437	15		
3711 MOTOR VEHICLES, PARTS, EQUIP-----	4,376	1,717	2,659			
3721 AIRCRAFT AND PARTS-----	1,066		1,066			
3731 SHIPS AND BOATS-----	889		789		100	
3791 MISC TRANSPORTATION EQUIPMENT-----	831		831			
3811 INSTR, TIME, PHOTO, OPT GOODS-----	411	286	175			
3911 MISC MANUFACTURED PRODUCTS-----	963	812	75	76		
4011 IRON AND STEEL SCRAP-----	19,486		14,486			
4012 NONFERROUS METAL SCRAP-----	2,936		2,936			9,000
4022 TEXTILE WASTE, SCRAP, SHEEP-----	4,689	387	4,302			
4024 PAPER WASTE AND SCRAP-----	9,912		9,912			
4112 COMMODITIES, NEC-----	28,137	142	86	13,004	11,928	3,319
9999 DEPARTMENT OF DEFENSE AND SCI-----	56,290		56,290			90

# WILMINGTON, N. C., DISTRICT

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WILMINGTON HARBOR, N. C.  
(SEE ALSO PORT OF WILMINGTON, N. C., FOR PORT DATA)

SECTION INCLUDED: FROM 1.67 MILES ABOVE THE HILTON BRIDGE AT WILMINGTON TO THE OCEAN, 33.67 MILES, CONTROLLING DEPTH: 38.0 FEET TO THE FOURTH EAST JETTY CHANNEL; OTHER CHANNELS RANGE FROM 24 TO 29 FEET, PROJECT DEPTH: 39.5 FEET OVER OCEAN BAR TO SOUTHPOINT; 38 FEET FROM SOUTHPOINT TO WILMINGTON HARBOR MEMORIAL BRIDGE; 32 FEET FROM WILMINGTON MEMORIAL BRIDGE TO HILTON R. R. BRIDGE; 25 FEET FROM HILTON R. R. BRIDGE TO 1.67 MILES ABOVE, ALL AT MEAN LOW WATER.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1971	8,826,751	86,120	1976	8,682,623	123,487
1972	8,535,227	89,001	1977	10,000,290	104,432
1973	10,061,882	97,883	1978	9,920,216	116,491
1974	9,381,342	100,943	1979	10,293,376	145,403
1975	7,939,207	116,891	1980	8,402,279	152,229

## FREIGHT TRAFFIC, 1980

### OCEANBOING

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC COASTWISE			
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	THROUGH	
						UPBOUND	DOWNBOUND
TOTAL	6,669,030	2,821,803	611,906	2,920,415	297,208	11,921	5,757
0119 OILSEEDS, NEC	190		190				
0121 TOBACCO, LEAF	58,013	19,556	37,009	548			
0131 FRESH FRUITS AND TREE NUTS	4,547		4,547				
0133 COFFEE	38	38					
0141 FRESH AND FROZEN VEGETABLES	365		365				
0161 ANIMALS AND PRODUCTS, NEC	1,476		1,476				
0191 MISCELLANEOUS FARM PRODUCTS	46	44	2				
0841 CRUDE RUBBER AND ALLIED GUMS	55	55					
0861 FOREST PRODUCTS, NEC	82						
1011 IRON ORE AND CONCENTRATES	455,086	455,086					
1051 ALUMINUM ORES, CONCENTRATES	14	14					
1091 NONFERROUS ORES, CONCENT, NEC	130,427	130,427					
1311 CRUDE PETROLEUM	331,291	331,291					
1411 LIMESTONE	179,059	179,059					
1442 SAND, GRAVEL, CRUSHED ROCK	1,731	1,731					
1451 CLAY	344	60	284				
1471 PHOSPHATE ROCK	32,054	32,054					
1479 NATURAL FERTILIZER MATS, NEC	8,702	8,702					
1491 SALT	184,354	184,354					
1499 NONMETALLIC MINERALS, NEC	1,173	2	1,171				
1911 ORDNANCE AND ACCESSORIES	27	1	26				
2011 MEAT, FRESH, CHILLED, FROZEN	1,680	13	1,687				
2021 DAIRY PRODUCTS, NEC	25	4		21			
2031 FISH AND SHELLFISH, PREPARED	284	284					
2034 VEGETABLES AND PREP, NEC	389	389					
2039 PREP FRUIT AND VEG JUICE, NEC	791	296	495				
2041 WHEAT FLOUR AND SEMOLINA	650		650				
2042 PREPARED ANIMAL FEEDS	21,063		21,063				
2049 GRAIN MILL PRODUCTS, NEC	139	49		90			
2062 MOLASSES	5,194			3,025	2,169		
2081 ALCOHOLIC BEVERAGES	11,221	5,244		9,977			
2091 VEGETABLE OILS, MARG, SHORT	7	7					
2092 ANIMAL OILS AND FATS, NEC	38			18			
2099 MISCELLANEOUS FOOD PRODUCTS	4,502	988	3,914				
2111 TOBACCO MANUFACTURES	9,340	2,548	6,792				
2211 BASIC TEXTILE PRODUCTS	32,015	3,359	28,656				
2212 TEXTILE FIBERS, NEC	176			176			
2311 APPAREL	1,543	1,068	475				
2411 LOGS	325		325				
2414 TIMBER, POSTS, POLES, PILING	3		3				
2421 LUMBER	10,587	92	10,495				
2431 VENEER, PLYWOOD, WORKED WOOD	12,877	11,684	1,191	2			
2491 WOOD MANUFACTURES, NEC	710	211	499				
2511 FURNITURE AND FIXTURES	4,589	3,680	825	4			
2611 PULP	180,164		180,164				
2631 PAPER AND PAPERBOARD	18,189	863	16,973	273			
2691 PULP AND PAPER PRODUCTS, NEC	8,389	272	8,047				
2711 PRINTED MATTER	222	29	193				
2810 SODIUM HYDROXIDE	127,415			126,815		1,400	
2811 CRUDE TAR, OIL, GAS PRODUCTS	41,307	4,483		36,824			
2812 DYES, PIGMENT, TANNING MATS	4		4				
2813 ALCOHOLS	299,915			299,915			
2817 BENZENE AND TOLUENE	20,520			20,520			
2819 BASIC CHEMICALS AND PROD, NEC	430,689	247,378	75,574	512,787	3,150		
2821 PLASTIC MATERIALS	7,484	867	6,488				
2823 SYNTHETIC (MAN-MADE) FIBERS	12,124	2,155	9,971				
2831 DRUGS	184	98	6				
2841 SOAP	287		191				
2851 PAINTS	1,988	1,042	116				
2871 NITROGENOUS CHEM FERTILIZERS	87,674	82,105					5,571
2873 PHOSPHATIC CHEM FERTILIZERS	154,364	154,364					
2879 FERTILIZER AND MATERIALS, NEC	85,207	15,101	50,106				
2891 MISCELLANEOUS CHEMICAL PROD	3,982	193	3,789				
2911 GASOLINE	563,988			545,960	18,028		
2912 JET FUEL	7,127			7,127			
2913 KEROSENE	68,838			68,838			
2914 DISTILLATE FUEL OIL	488,425			488,786	29,378		60
2915 RESIDUAL FUEL OIL	1,489,357	791,335		478,442	227,583		
2916 LUBRICATING OILS AND GREASES	26,680	26,680	143				
2917 NAPHTHA, PETROLEUM SOLVENTS	188,398			183,219	5,179		
2918 ASPHALT, TAR, AND PITCHES	193,502			189,729		3,773	

## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

(SEE ALSO PORT OF WILMINGTON, N. C. FOR PORT DATA)--CONTINUED

## FREIGHT TRAFFIC, 1980--CONTINUED

## OCEANGOING--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC COASTWISE			
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	THROUGH	
						UPBOUND	DOWNBOUND
2020 COKE, PETROLEUM COKE	105		105				
2021 LIQUEFIED GASES	14		14				
2991 PETROLEUM AND COAL PROD, NEC	25,457		126	29,331			
3011 RUBBER AND MISC PLASTIC PROD	2,020	803	2,006	11			
3111 LEATHER AND LEATHER PRODUCTS	192		24				
3211 GLASS AND GLASS PRODUCTS	3,649	2,310	1,314	25			
3251 STRUCTURAL CLAY PRODUCTS	1,301	175	1,186				
3281 CUT STONE AND STONE PRODUCTS	35	35					
3291 MISC NONMETALLIC MINERAL PROD	4,088		3,402				
3314 IRON AND STEEL PRIMARY FORMS	19,236		19,236				
3315 IRON, STEEL SHAPES, EXC SHEET	51,125	50,705	13	317			
3316 IRON AND STEEL PLATES, SHEETS	43		43				
3317 IRON AND STEEL PIPE AND TUBE	18,489	18,336	323				
3318 FERRICALLOYS	187	187					
3319 IRON AND STEEL PRODUCTS, NEC	1,732	1,545	127	40			
3321 NONFERROUS METALS, NEC	295	204	54	37			
3322 COPPER ALLOYS, UNWORKED	696	699	52	109			
3324 ALUMINUM AND ALLOYS, UNWORKED	5,061	465	4,596				
3411 FABRICATED METAL PRODUCTS	33,564	23,440	4,751	348		4,900	125
3511 MACHINERY, EXCEPT ELECTRICAL	28,179	18,203	7,735	741		1,500	
3611 ELECTRICAL MACH AND EQUIP	3,313	861	2,437	15			
3711 MOTOR VEHICLES, PARTS, EQUIP	4,376	1,717	2,659				
3721 AIRCRAFT AND PARTS	1,066		1,066				
3731 SHIPS AND BOATS	1,137		789			348	
3791 MISC TRANSPORTATION EQUIPMENT	831		831				
3811 INSTR, TIME, PHOTO, OPT GOODS	421	236	175				
3911 MISC MANUFACTURED PRODUCTS	963	812	75	76			
4011 IRON AND STEEL SCRAP	14,496		14,496				
4022 TEXTILE WASTE, SCRAP, SWEEP	2,936		2,936				
4024 PAPER WASTE AND SCRAP	4,689	307	4,382				
4112 COMMODITIES, NEC	9,912		86	13,804	11,500		1
9999 DEPARTMENT OF DEFENSE AND SCI	24,773	162	56,290				
TOTAL	56,290						
TON-MILES, OCEANGOING	187,114,667						

## INTERNAL

(SHORT TONS)

COMMODITY	TOTAL	INBOUND		OUTBOUND		UPBOUND	DOWNBOUND	THROUGH	
		UPBOUND	DOWNBOUND	UPBOUND	DOWNBOUND			UPBOUND	DOWNBOUND
TOTAL-----	1,733,269	72,769	6,080	538,758	552,754	8,869	4,103	189,664	361,152
0103 CORN-----	2,559							2,559	
0911 FRESH FISH, EXCEPT SHELLFISH-----	1,297	1,277						20	
0912 SHELLFISH, EXCEPT PREPARED-----	6,071	20	6,080					51	
0913 MENHADEN-----	3,451							3,451	
1011 IRON ORE AND CONCENTRATES-----	353,581				353,581				
1091 NONFERROUS ORES, CONCENT, NEC-----	11,084							2,485	8,599
2099 MISCELLANEOUS FOOD PRODUCTS-----	15,609	15,589							20
2211 BASIC TEXTILE PRODUCTS-----	1,954	386							1,568
2411 LOGS-----	6,082	6,082							
2414 TIMBER, POSTS, POLES, PILING-----	7,398							7,398	
2415 PULPWOOD, LOG-----	382,315				111,373				270,942
2611 PULP-----	109,142							109,142	
2810 SODIUM HYDROXIDE-----	11,719							11,719	
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	1,500								1,500
2813 ALCOHOLS-----	66,027			66,027					
2819 BASIC CHEMICALS AND PROD, NEC-----	313,754			313,754			2,000		
2871 NITROGENOUS CHEM FERTILIZERS-----	16,197				8,598		2,103	5,536	
2873 PHOSPHATIC CHEM FERTILIZERS-----	5,815							5,815	
2879 FERTILIZER AND MATERIALS, NEC-----	3,750				3,750				
2911 GASOLINE-----	47,018	11,147			35,871				
2914 DISTILLATE FUEL OIL-----	14,652	2,585						12,067	
2915 RESIDUAL FUEL OIL-----	175,159							6,891	
2917 NAPHTHA, PETROLEUM SOLVENTS-----	42,214	3,636		158,977	1,222	8,869		9,234	
2918 ASPHALT, TAR, AND BITUMENS-----	10,145	10,145			33,344				
2920 COKE, PETROLEUM COKE-----	23,301								23,301
2991 PETROLEUM AND COAL PROD, NEC-----	5,273	1,324						3,949	
3211 GLASS AND GLASS PRODUCTS-----	800	800							
3291 MISC NONMETALLIC MINERAL PROD-----	31								31
3315 IRON, STEEL SHAPES, EXC SHEET-----	15,697	14,058						1,639	
3316 IRON AND STEEL PLATES, SHEETS-----	11,176	488						10,688	
3318 FERRDALLOYS-----	16,918							9,780	6,738
3319 IRON AND STEEL PRODUCTS, NEC-----	1,051	1,051							
3411 FABRICATED METAL PRODUCTS-----	1,265	766							499
3511 MACHINERY, EXCEPT ELECTRICAL-----	1,780							915	865
3611 ELECTRICAL MACH AND EQUIP-----	1,835					9		725	305
3731 SHIPS AND BOATS-----	1,811	100						1,213	
4011 IRON AND STEEL SCRAP-----	28,309				5,000				23,309
4012 NONFERROUS METAL SCRAP-----	4,804								4,804
4111 WATER-----	1,500								1,500
4112 COMMODITIES, NEC-----	10,567	3,315			90			5,403	1,739
TON-MILES, INTERNAL,	24,772,027.								
TONS, ALL TRAFFIC,	8,482,279.								
TON-MILES, ALL TRAFFIC,	211,886,694.								

WILMINGTON, N. C., DISTRICT

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CAPE FEAR RIVER ABOVE WILMINGTON, N. C.

SECTION INCLUDED: FROM WILMINGTON, N. C. TO FAYETTEVILLE, N. C., 115 MILES. CONTROLLING DEPTH: 19.2 FEET FROM WILMINGTON TO NAVASSA (4 MILES); 10 FEET FROM NAVASSA TO ACME (26 MILES); 6.5 FEET TO FAYETTEVILLE, 115 MILES ABOVE WILMINGTON. PROJECT DEPTH: 25 FEET FROM WILMINGTON TO NAVASSA (4 MILES); 12 FEET FROM NAVASSA TO ACME; 8 FEET TO FAYETTEVILLE, 115 MILES ABOVE WILMINGTON. ALL AT MEAN LOW WATER.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971-----	426,374	1976-----	314,601
1972-----	728,873	1977-----	371,514
1973-----	932,945	1978-----	583,054
1974-----	336,835	1979-----	402,776
1975-----	399,607	1980-----	293,943

FREIGHT TRAFFIC, 1980

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE	INTERNAL			
		RECEIPTS	INBOUND	OUTBOUND	UPBOUND	DOWNBOUND
TOTAL-----	293,943	5,173	174,446	92,306	20,018	2,000
2411 LOGS-----	6,082			6,082		
2415 PULPHOOD, LOG-----	86,224			86,224		
2810 SODIUM HYDROXIDE-----	13,119	1,400	11,719			
2813 ALCOHOLS-----	22,018				20,018	2,000
2879 FERTILIZER AND MATERIALS, NEC-----	3,750		3,750			
2919 RESIDUAL FUEL OIL-----	158,977		158,977			
2918 ASPHALT, TAR, AND PITCHES-----	3,773	3,773				
TOTAL TON-MILES, 14,749,080,						

NORTHEAST (CAPE FEAR) RIVER, N. C.

SECTION INCLUDED: FROM 1.67 MILES ABOVE HILTON BRIDGE AT WILMINGTON TO KORNEGAYS BRIDGE, 103 MILES ABOVE THE MOUTH. CONTROLLING DEPTH: 13 FEET TO A POINT 30 MILES ABOVE THE MOUTH, AND 3 FEET TO CROOKS BRIDGE, 56 MILES ABOVE THE MOUTH AT ALL STAGES. PROJECT: CLEARING OF NATURAL CHANNEL BY SNAGGING, 103 MILES. NAVIGATION SEASON: ENTIRE YEAR OVER LOWER 56 MILES, UPPER PORTION ONLY DURING FRESHET STAGES.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971-----	498,887	1976-----	495,440
1972-----	385,565	1977-----	377,467
1973-----	554,590	1978-----	479,042
1974-----	499,567	1979-----	597,396
1975-----	442,999	1980-----	379,781

FREIGHT TRAFFIC, 1980

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL
		INBOUND
TOTAL-----		379,781
2813 ALCOHOLS-----		66,027
2819 BASIC CHEMICALS AND PROD, NEC-----		313,754
TOTAL TON-MILES, 1,898,905,		

## OTHER HARBORS AND WATERWAYS

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON-MILES	PASSENGERS
PROJECT				
ATLANTIC REACH CHANNELS, N. C.-----	0011 FRESH FISH, EXCEPT SHELLFISH-----	400		
	0012 SHELLFISH, EXCEPT PREPARED-----	3		
	TOTAL-----	403	403	11,000
AVON HARBOR, N. C.-----	0011 FRESH FISH, EXCEPT SHELLFISH-----	800		
	0012 SHELLFISH, EXCEPT PREPARED-----	260		
	TOTAL-----	1,060	3,180	
BAY RIVER, N. C.-----	0011 FRESH FISH, EXCEPT SHELLFISH-----	600		
	0012 SHELLFISH, EXCEPT PREPARED-----	688		
	0013 MENHADEN-----	137		
	TOTAL-----	1,425	17,760	
BEAUFORT HARBOR, N. C.-----	0011 FRESH FISH, EXCEPT SHELLFISH-----	6,590		
	0012 SHELLFISH, EXCEPT PREPARED-----	444		
	0013 MENHADEN-----	54,068		
	2092 ANIMAL OILS AND FATS, NEC-----	13,980		
	TOTAL-----	74,682	150,210	
BEHAVEN HARBOR, N. C.-----	0103 CORN-----	3,656		
	0011 FRESH FISH, EXCEPT SHELLFISH-----	110		
	0012 SHELLFISH, EXCEPT PREPARED-----	2,650		
	TOTAL-----	5,816		310
CASHIE RIVER, N. C.-----	NO COMMERCE REPORTED			
CHANNEL CONNECTING THOROUGHFARE BAY WITH CEDAR BAY, N. C.---	NO COMMERCE REPORTED			
CHANNEL FROM RACK SOUND TO LOOKOUT BIGHT, N. C.-----	NO COMMERCE REPORTED			
CHANNEL FROM PAMLICO SOUND TO RODANAME, N. C.-----	NO COMMERCE REPORTED			
CHANNEL TO BOGUE INLET, N. C.-----	0011 FRESH FISH, EXCEPT SHELLFISH-----	436		
	0012 SHELLFISH, EXCEPT PREPARED-----	3		
	0013 MENHADEN-----	2,111		
	TOTAL-----	2,550	7,596	15,432
DRUM INLET, N. C.-----	NO COMMERCE REPORTED			
EDENTON HARBOR, N. C.-----	1499 NONMETALLIC MINERALS, NEC-----	956		
	2415 PULPWOOD, LOG-----	61,838		
	TOTAL-----	62,794	62,794	
FAR CREEK, N. C.-----	0103 CORN-----	3,933		
	0107 WHEAT-----	1,282		
	0111 SOYBEANS-----	3,670		
	0011 FRESH FISH, EXCEPT SHELLFISH-----	987		
	0012 SHELLFISH, EXCEPT PREPARED-----	1,325		
	TOTAL-----	11,197	33,591	
KNOBBS CREEK, N. C.-----	2416 WOOD CHIPS, STAVES, MOLDINGS-----	43,249	43,249	
LOCKWOODS FOLLY RIVER, N. C.-----	0011 FRESH FISH, EXCEPT SHELLFISH-----	21		
	0012 SHELLFISH, EXCEPT PREPARED-----	71		
	TOTAL-----	92	208	
MACKAY CREEK, N. C.-----	NO COMMERCE REPORTED			
MAYNS HARBOR, N. C.-----	NO COMMERCE REPORTED			
MAYNED (SHALLOWBAY) BAY, N. C.-----	0011 FRESH FISH, EXCEPT SHELLFISH-----	26,935		
	0012 SHELLFISH, EXCEPT PREPARED-----	5,163		
	TOTAL-----	32,098	151,028	168
NEUSE RIVER, N. C.-----	0011 FRESH FISH, EXCEPT SHELLFISH-----	776		
	0012 SHELLFISH, EXCEPT PREPARED-----	2,970		
	0013 MENHADEN-----	943		
	1442 SAND, GRAVEL, CRUSHED ROCK-----	13,211		
	1499 NONMETALLIC MINERALS, NEC-----	956		
	2415 PULPWOOD, LOG-----	119,014		
	2012 JET FUEL-----	8,133		
	2015 RESIDUAL FUEL OIL-----	1,183		
	3711 MOTOR VEHICLES, PARTS, EQUIP-----	15		
	TOTAL-----	146,801	3,438,103	
NEW RIVER, N. C.-----	0011 FRESH FISH, EXCEPT SHELLFISH-----	1,066		
	0012 SHELLFISH, EXCEPT PREPARED-----	1,485		
	2415 PULPWOOD, LOG-----	65,704		
	TOTAL-----	68,255	3,182,672	13,000
OCRACOKE INLET, N. C.-----	0011 FRESH FISH, EXCEPT SHELLFISH-----	4,721		
	0012 SHELLFISH, EXCEPT PREPARED-----	273		
	TOTAL-----	4,994	9,988	
PERQUIMANS RIVER, N. C.-----	NO COMMERCE REPORTED			

## WILMINGTON, N. C., DISTRICT

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OTHER HARBORS AND WATERWAYS--CONTINUED

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON- MILES	PASSENGERS
PROJECT--CONTINUED				
ROLLINSON CHANNEL, N. C.	0011 FRESH FISH, EXCEPT SHELLFISH	10	30	500
SCUPPERNON RIVER, N. C.	NO COMMERCE REPORTED			
SHALLOTTE RIVER, N. C.	NO COMMERCE REPORTED			
SILVER LAKE HARBOR, N. C.				296,111
SMITHS CREEK (PAMLICO COUNTY), N. C.	0011 FRESH FISH, EXCEPT SHELLFISH	469		
	0012 SHELLFISH, EXCEPT PREPARED	1,103		
	TOTAL	1,572	1,572	
SMITHS CREEK (WILMINGTON), N. C.	2411 LOGS	6,082	12,164	
SOUTH RIVER, N. C.	0011 FRESH FISH, EXCEPT SHELLFISH	3		
	0012 SHELLFISH, EXCEPT PREPARED	95		
	TOTAL	98	1,176	
STUMPY POINT BAY, N. C.	0011 FRESH FISH, EXCEPT SHELLFISH	3,489		
	0012 SHELLFISH, EXCEPT PREPARED	32		
	TOTAL	3,521	7,142	
TRENT RIVER, N. C.	1400 NONMETALLIC MINERALS, NEC	956	956	
WANCHESSE HARBOR, N. C. (INCLUDED IN MANTO (SHALLOHBAG) BAY, N. C.)	0011 FRESH FISH, EXCEPT SHELLFISH	10,804		
	0012 SHELLFISH, EXCEPT PREPARED	2,828		
	TOTAL	13,632	13,632	168
WATERWAY CONNECTING PAMLICO SOUND AND BEAUFORT HARBOR, N. C.	0011 FRESH FISH, EXCEPT SHELLFISH	6,384		
	0012 SHELLFISH, EXCEPT PREPARED	4,175		
	0013 MENHADEN	11,016		
	TOTAL	21,575	244,212	6,268
WATERWAY CONNECTING SWAN QUARTER BAY WITH DEEP BAY, N. C.	0011 FRESH FISH, EXCEPT SHELLFISH	100		
	0012 SHELLFISH, EXCEPT PREPARED	350		
	1442 SAND, GRAVEL, CRUSHED ROCK	5,115		
	TOTAL	5,565	11,130	36,438
WATERWAY - NORFOLK, VA. TO SOUNDS OF NORTH CAROLINA	0103 CORN	3,933		
	0107 WHEAT	1,242		
	0111 SOYBEANS	3,670		
	0011 FRESH FISH, EXCEPT SHELLFISH	320		
	TOTAL	9,165	227,525	
WRIGHTS CREEK, N. C.	NO COMMERCE REPORTED			



## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

## CHARLESTON, S. C., DISTRICT

ATLANTIC INTRACOASTAL WATERWAY BETWEEN NORFOLK, VA., AND  
THE ST. JOHNS RIVER, FLA. (CHARLESTON DISTRICT)

SECTION INCLUDED: FROM LITTLE RIVER, S. C. TO PORT ROYAL SOUND, S. C., WITH A BRANCH CHANNEL TO MCCLELLANVILLE, S. C. CONTROLLING  
DEPTH: 11 FEET AT MEAN LOW WATER FOR 90' WIDTH FROM LITTLE RIVER TO MINYAH BAY; 8 FEET FOR 90' WIDTH FROM MINYAH BAY TO CHARLESTON; 9  
FEET FOR 90' WIDTH IN MCCLELLANVILLE BRANCH CHANNEL AND 9 FEET FOR 90' WIDTH FROM CHARLESTON TO PORT ROYAL SOUND. PROJECT DEPTH: 12  
FEET AT MEAN LOW WATER.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1971-----	1,367,161	70	1976-----	1,406,608	148
1972-----	1,559,024	13,246	1977-----	1,557,140	971
1973-----	1,614,002	146	1978-----	1,659,147	26,213
1974-----	1,593,001	118	1979-----	1,981,035	52,319
1975-----	1,404,608	360	1980-----	1,417,224	17,524

## FREIGHT TRAFFIC, 1980

## OCEANGOING

(SHORT TONS)

COMMODITY	TOTAL	DOMESTIC COASTWISE		
		THROUGH		
		RECEIPTS	NORTHBOUND	SOUTHBOUND
TOTAL-----	28,455	500	22,098	5,857
1091 NONFERROUS ORES, CONCENT, NEC-----	4,983		4,983	
2813 ALUMINUM-----	9,794		9,794	
2871 NITROGENOUS CHEM FERTILIZERS-----	5,571			5,571
2914 DISTILLATE FUEL OIL-----	60			60
3411 FABRICATED METAL PRODUCTS-----	5,183		4,998	225
3511 MACHINERY, EXCEPT ELECTRICAL-----	2,515	500	2,015	
3731 SHIPS AND BOATS-----	348		348	
4112 COMMODITIES, NEC-----	1			1
TON-MILES, OCEANGOING, 4,813,656.				

## INTERNAL

(SHORT TONS)

COMMODITY	TOTAL	NORTHBOUND	INBOUND NORTHBOUND	THROUGH NORTHBOUND	SOUTHBOUND	INBOUND SOUTHBOUND	OUTBOUND SOUTHBOUND	THROUGH SOUTHBOUND
TOTAL-----	1,388,769	326	41,498	370,366	9,610	45,864	954	920,191
0911 FRESH FISH, EXCEPT SHELLFISH-----	6		3				3	
0912 SHELLFISH, EXCEPT PREPARED-----	13,584	326	413	934	9,610	2,607	94	
1011 IRON ORE AND CONCENTRATES-----	353,581							353,581
1091 NONFERROUS ORES, CONCENT, NEC-----	11,084			2,485				8,599
2049 GRAIN MILL PRODUCTS, NEC-----	357						357	
2081 ALCOHOLIC BEVERAGES-----	594			594				
2091 VEGETABLE OILS, MARG, SHORT-----	100			100				
2099 MISCELLANEOUS FOOD PRODUCTS-----	15,609			15,589				20
2211 BASIC TEXTILE PRODUCTS-----	2,104							2,104
2414 TIMBER, POSTS, POLES, PILING-----	7,398			7,398				
2419 PULPWOOD, LOGS-----	382,315							382,315
2611 PULP-----	109,142			109,142				
2631 PAPER AND PAPERBOARD-----	98,930			98,930				
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	1,500							1,500
2871 NITROGENOUS CHEM FERTILIZERS-----	5,536			5,536				
2873 PHOSPHATIC CHEM FERTILIZERS-----	5,015			5,015				
2911 GASOLINE-----	23,004							23,004
2912 JET FUEL-----	84,303		40,838			43,257		208
2914 DISTILLATE FUEL OIL-----	14,652			14,652				
2915 RESIDUAL FUEL OIL-----	16,135		154	15,981				
2917 NAPHTHA, PETROLEUM SOLVENTS-----	42,214			8,870				33,344
2920 COKE, PETROLEUM COKE-----	24,437							24,437
2991 PETROLEUM AND COAL PROD, NEC-----	3,949							3,949
3211 GLASS AND GLASS PRODUCTS-----	800			800				
3291 MISC NONMETALLIC MINERAL PROD-----	31							31
3315 IRON, STEEL SHAPES, EXC SHEET-----	52,364			50,765				1,599
3316 IRON AND STEEL PLATES, SHEETS-----	11,176			488				10,688
3318 FERROALLOYS-----	18,387			9,780				8,607
3319 IRON AND STEEL PRODUCTS, NEC-----	1,899			1,899				
3411 FABRICATED METAL PRODUCTS-----	1,794			1,295				499
3511 MACHINERY, EXCEPT ELECTRICAL-----	4,608			2,932		508		1,176
3611 ELECTRICAL MACH AND EQUIP-----	1,995			1,560				435
3731 SHIPS AND BOATS-----	1,433		90	1,383				
3911 MISC MANUFACTURED PRODUCTS-----	488			488				
4011 IRON AND STEEL SCRAP-----	28,305							28,305
4012 NONFERROUS METAL SCRAP-----	4,004							4,004
4112 COMMODITIES, NEC-----	85,936			54,150				31,786
TON-MILES, INTERNAL, 137,918,392.								

TONS, ALL TRAFFIC, 1,417,224,  
TON-MILES, ALL TRAFFIC, 142,732,048,

# CHARLESTON, S. C., DISTRICT

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GEORGETOWN HARBOR, S. C. (WINYAH BAY)

SECTION INCLUDED: ATLANTIC OCEAN ENTRANCE TO WINYAH BAY, S. C., TO AND INCLUDING TURNING BASIN IN SAMPIT RIVER AT THE CITY OF GEORGETOWN, S. C., CONTROLLING DEPTH: 27.0 FEET AT MEAN LOW WATER FOR 400-FOOT WIDTH FROM THE OCEAN THROUGH THE GORGE CHANNEL; THENCE 25 FEET FOR 400-FOOT WIDTH TO MOUTH OF SAMPIT RIVER; THENCE 20 FEET FOR 300-FOOT WIDTH TO HEAD OF THE PROJECT; SAMPIT RIVER BYPASS CHANNEL 10.0 FEET FOR 100-FOOT WIDTH, PROJECT DEPTH: 27 FEET AT MEAN LOW WATER.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	ADDITIONAL THROUGH TRAFFIC (TONS)	YEAR	TONS	PASSENGERS	ADDITIONAL THROUGH TRAFFIC (TONS)
1971-----	1,190,637	40	460,934	1976-----	1,666,420	136	443,372
1972-----	1,524,102	6,292	571,988	1977-----	1,380,577	324	417,763
1973-----	1,485,731	500	490,884	1978-----	1,148,490	25,540	598,784
1974-----	1,619,986	422	488,770	1979-----	1,381,686	41,919	646,583
1975-----	1,359,697	242	412,576	1980-----	1,045,361	15,582	537,123

## FREIGHT TRAFFIC, 1980

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		
		IMPORTS	EXPORTS	COASTWISE	INTERNAL	
				RECEIPTS	RECEIPTS	SHIPMENTS
TOTAL-----	1,045,361	62,298	344,708	233,530	402,252	12,581
0133 COFFEE-----	500	500				
0912 SHELLFISH, EXCEPT PREPARED-----	334				334	
1011 IRON ORE AND CONCENTRATES-----	364,077		10,496		353,581	
1091 NONFERROUS ORES, CONCENT, NEC-----	34	34				
2099 MISCELLANEOUS FOOD PRODUCTS-----	296	296				
2211 BASIC TEXTILE PRODUCTS-----	1		1			
2411 LOGS-----	132		132			
2413 FUEL WOOD, CHARCOAL, WASTES-----	21,715	21,715				
2421 LUMBER-----	33,462	26,394	7,068			
2491 WOOD MANUFACTURES, NEC-----	6,067		6,067			
2911 FURNITURE AND FIXTURES-----	18		18			
2931 PAPER AND PAPERBOARD-----	91,407		91,407			
2991 PULP AND PAPER PRODUCTS, NEC-----	7		7			
2841 SOAP-----	2		2			
2876 INSECTICIDES, DISINFECTANTS-----	12		12			
2891 MISCELLANEOUS CHEMICAL PROD-----	111		111			
2915 RESIDUAL FUEL OIL-----	254,863	12,243		233,530	9,090	
3111 LEATHER AND LEATHER PRODUCTS-----	2	2				
3291 MISC NONMETALLIC MINERAL PROD-----	8		8			
3314 IRON AND STEEL PRIMARY FORMS-----	90,294		90,294			
3315 IRON, STEEL SHAPES, EXC SHEET-----	128,938		116,357			12,581
3316 IRON AND STEEL PLATES, SHEETS-----	5,740		5,740			
3318 FERROALLOYS-----	7,289	591			6,738	
3319 IRON AND STEEL PRODUCTS, NEC-----	4,677		4,677			
3322 COPPER ALLOYS, UNWORKED-----	12	12				
3324 ALUMINUM AND ALLOYS, UNWORKED-----	647		647			
3411 FABRICATED METAL PRODUCTS-----	99	8	91			
3911 MACHINERY, EXCEPT ELECTRICAL-----	210	64	146			
3611 ELECTRICAL MACH AND EQUIP-----	27	27				
3711 MOTOR VEHICLES, PARTS, EQUIP-----	19	14	5			
4011 IRON AND STEEL SCRAP-----	29,785		1,480		28,305	
4012 NONFERROUS METAL SCRAP-----	4,004				4,004	
4112 COMMODITIES, NEC-----	440	438	2			
TOTAL TON-MILES,-----	13,424,982					

CHARLESTON HARBOR, S. C. (INCLUDING ASHLEY RIVER, COOPER RIVER, SHEN CREEK AND SHIPYARD RIVER, S. C.)

SECTION INCLUDED: OCEAN TO GOOSE CREEK VIA COOPER RIVER AND TOWN CREEK TO THE STANDARD WHARF ON ASHLEY RIVER; TO THE MOUNT PLEASANT MEMORIAL HIGHWAY BRIDGE ON SHEN CREEK; TO THE AIRCO ALLOYS WHARF ON SHIPYARD RIVER, CONTROLLING DEPTH: APPROXIMATELY 35 FEET FOR 800-FOOT WIDTH ACROSS THE ENTRANCE CHANNEL; THENCE 35.0 FEET FOR PROJECT WIDTHS TO HEAD OF THE PROJECT AT GOOSE CREEK (21.9 MILES); SHEN CREEK 6.0 FEET (0.7 MILES); ASHLEY RIVER 13 FEET TO HIGHWAY BRIDGE; THENCE 13 FEET TO HEAD OF PROJECT (7.4 MILES); SHIPYARD RIVER 36 FEET TO HEAD OF PROJECT (1.2 MILES), PROJECT DEPTH: CHARLESTON HARBOR 35.0 FEET; SHEN CREEK 10.0 FEET; ASHLEY RIVER 30.0 FEET; SHIPYARD RIVER 30.0 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	ADDITIONAL THROUGH TRAFFIC (TONS)	YEAR	TONS	PASSENGERS	ADDITIONAL THROUGH TRAFFIC (TONS)
1971-----	6,945,951	294,933	455,432	1976-----	9,664,865	314,675	380,199
1972-----	7,476,639	262,394	591,126	1977-----	10,327,639	293,050	302,312
1973-----	9,379,746	298,474	469,266	1978-----	10,841,487	383,375	299,399
1974-----	8,992,563	234,169	425,763	1979-----	10,055,566	302,049	302,673
1975-----	8,379,831	295,399	342,966	1980-----	9,096,714	293,062	258,080

## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

CHARLES C. HARBOR, S. C. (INCLUDING ASHLEY RIVER,  
COOPER RIVER, SHEN CREEK AND SHIPYARD RIVER, S. C.)--CONTINUED

FREIGHT TRAFFIC, 1980

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL	9,096,714	2,463,798	2,479,455	3,130,539	261,603	134,122	481,316	145,881
0101 COTTON, RAW	16,073	291	15,341		441			
0103 CORN	1,167		1,167					
0104 OATS	1,660		1,660					
0105 RICE	275	1	274					
0107 WHEAT	214,869		214,869					
0111 SOYBEANS	176,774		176,774					
0119 SILSILK, NEC	2,925	37	2,650		238			
0121 TOBACCO, LEAF	21,609	13,646	7,962	51				
0129 FIELD CROPS, NEC	1,242	66	1,175	1				
0131 FRESH FRUITS AND TREE NUTS	183,926	180,782	3,125	19				
0133 COFFEE	461	485	34		22			
0141 FRESH AND FROZEN VEGETABLES	5,214	580	3,453	44	1,137			
0161 ANIMALS AND PRODUCTS, NEC	10,949	3,172	2,213		5,564			
0191 MISCELLANEOUS FARM PRODUCTS	96	26	60		10			
0841 CRUDE RUBBER AND ALLIED GUMS	20,378	19,788	268		412			
0861 FOREST PRODUCTS, NEC	12,635	11,748	780		87			
0911 FRESH FISH, EXCEPT SHELLFISH	356	242	32	5	57			
0912 SHELLFISH, EXCEPT PREPARED	1,014	196	45		773			
1051 ALUMINUM ORES, CONCENTRATES	194,513	194,201	312					
1061 MANGANESE ORES, CONCENTRATES	16		16					
1091 NONFERROUS ORES, CONCENT, NEC	225,570	202,588	4,013	10,370		6,599		
1121 COAL AND LIGNITE	270	76	194					
1411 LIMESTONE	47,304	47,089	215					
1412 BUILDING STONE, UNWORKED	640		314		326			
1442 SAND, GRAVEL, CRUSHED ROCK	35,238	1,875	33,351		12			
1451 CLAY	156,255	62,772	93,072		411			
1471 PHOSPHATE ROCK	16,596	16,060	536					
1492 SULPHUR, DRY	10				10			
1499 NONMETALLIC MINERALS, NEC	6,110	1,386	4,612	2	110			
1911 ORDNANCE AND ACCESSORIES	159	69	29					
2011 MEAT, FRESH, CHILLED, FROZEN	63,282	32,971	13,192	40	17,079			
2012 MEAT AND PRODUCTS, NEC	7,160	1,482	1,717		3,961			
2014 TALLOW, ANIMAL, FATS AND OILS	1		1					
2015 ANIMAL BY-PRODUCTS, NEC	4,478	473	3,952		53			
2021 DAIRY PRODUCTS, NEC	3,527	943	1,28		2,456			
2022 DRIED MILK AND CREAM	6,526	268	1,246	104	4,908			
2031 FISH AND SHELLFISH, PREPARED	2,385	987	144	1,214				
2034 VEGETABLES AND PREP, NEC	8,390	5,566	2,824					
2039 PREP FRUIT AND VEG JUICE, NEC	30,407	9,149	18,678	363	2,217			
2041 WHEAT FLOUR AND SEMOLINA	61		41		20			
2042 PREPARED ANIMAL FEEDS	9,384	1	8,846	22	915			
2049 GRAIN MILL PRODUCTS, NEC	574	173	379	21	1			
2081 ALCOHOLIC BEVERAGES	20,964	18,627	892	1,292	159			
2091 VEGETABLE OILS, MARG, SHORT	25,896	510	24,355		931			
2099 MISCELLANEOUS FOOD PRODUCTS	26,045	2,198	16,271	562	7,614			
2111 TOBACCO MANUFACTURES	5,799	326	4,611		697			
2211 BASIC TEXTILE PRODUCTS	295,747	72,486	210,973	3,117	7,889			
2212 TEXTILE FIBERS, NEC	566	116	24	147	99			
2311 APPAREL	42,033	7,574	2,659	10,387	21,413			
2411 LOGS	771		771					
2413 FUEL WOOD, CHARCOAL, WASTES	681		490		191			
2414 TIMBER, POSTS, POLES, PILING	11,217		11,130		87			
2416 WOOD CHIPS, STAVES, WOODINGS	1	1						
2421 LUMBER	45,583	5,057	40,524		2			
2431 VENEER, PLYWOOD, WORKED WOOD	121,020	119,287	1,733					
2491 WOOD MANUFACTURES, NEC	13,976	1,832	10,101	58	1,895			
2511 FURNITURE AND FIXTURES	11,623	6,893	2,999	9	1,782			
2611 PULP	199,387	49	199,338					
2621 STANDARD NEWSPRINT PAPER	6,206				6,806			
2631 PAPER AND PAPERBOARD	327,318	24,089	298,671		4,958			
2691 PULP AND PAPER PRODUCTS, NEC	14,746	383	8,007	110	6,326			
2711 PRINTED MATTER	1,370	221	939		187			
2810 SODIUM HYDROXIDE	53,290			53,290				
2811 CRUDE TAP, OIL, GAS PRODUCTS	313	112	159		42			
2812 DYES, PIGMENT, TANNING MATS	3,998		3,763	235				
2813 ALCOHOLS	24,292		48	24,244				
2816 RADIOACTIVE MATERIALS, WASTES	3	3						
2817 BENZENE AND TOLUENE	3,805		3,805					
2819 BASIC CHEMICALS AND PROD, NEC	344,924	11,786	127,124	203,667	2,367			
2821 PLASTIC MATERIALS	161,256	14,466	145,293	922	975			
2822 SYNTHETIC RUBBER	2,995		2,944	15	36			
2823 SYNTHETIC (MAN-MADE) FIBERS	274,857	17,069	257,240		940			
2831 DRUGS	2,611	192	1,600	119	700			
2841 SOAP	17,532	517	10,243	2,051	4,721			
2851 PAINTS	9,600	8,849	663		86			
2861 GUM AND GUM CHEMICALS	7,848	132	7,601	21	94			
2871 NITROGENOUS CHEM FERTILIZERS	33,584	29,196	4,386					
2873 PHOSPHATIC CHEM FERTILIZERS	18,632	15,825	3,017					
2876 INSECTICIDES, DISINFECTANTS	8,956	474	6,458		21			
2879 FERTILIZER AND MATERIALS, NEC	11,203	13	11,078		112			
2891 MISCELLANEOUS CHEMICAL PROD	41,391	22,680	18,508		153			
2911 GASOLINE	1,392,197	26,437	9	1,341,798	949	23,004		
2912 JET FUEL	267,592			183,269			84,303	
2913 KEROSENE	44,750			44,750				
2914 DISTILLATE FUEL OIL	491,420			459,351	16,720		100	15,249
2915 RESIDUAL FUEL OIL	1,054,104	984,877	194,291	1,834	343,270		130,632	
2916 LUBRICATING OILS AND GREASES	273,899	88	1,341	271,500	1,170			
2917 NAPHTHA, PETROLEUM SOLVENTS	49,588			49,576	10			
2918 ASPHALT, TAR, AND BITUMENS	224,354	30	41	224,280	23			
2920 COKE, PETROLEUM COKE	24,463		28		24,437			
2921 LIQUEFIED GASES	120		47		73			

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FREIGHT TRAFFIC, 1980--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
2951 ASPHALT BUILDING MATERIALS-----	704	-----	481	-----	253	-----	-----	-----
2991 PETROLEUM AND COAL PROD, NEC-----	1,701	1,620	72	-----	9	-----	-----	-----
3011 RUBBER AND MISC PLASTIC PROD-----	30,343	15,855	11,162	247	3,079	-----	-----	-----
3111 LEATHER AND LEATHER PRODUCTS-----	8,974	5,234	850	2,880	228	-----	-----	-----
3211 GLASS AND GLASS PRODUCTS-----	44,480	4,550	36,146	-----	2,984	-----	800	-----
3241 BUILDING CEMENT-----	2,015	1,047	774	-----	194	-----	-----	-----
3251 STRUCTURAL CLAY PRODUCTS-----	6,896	3,918	2,856	-----	122	-----	-----	-----
3281 CUT STONE AND STONE PRODUCTS-----	1,229	1,119	46	-----	64	-----	-----	-----
3291 MISC NONMETALLIC MINERAL PROD-----	7,868	3,227	2,750	24	1,867	-----	-----	-----
3314 IRON AND STEEL PRIMARY FORMS-----	17	-----	17	-----	-----	-----	-----	-----
3315 IRON, STEEL SHAPES, EXC SHEET-----	108,553	75,683	3,178	-----	2,138	24,126	3,508	-----
3316 IRON AND STEEL PLATES, SHEETS-----	929	12	817	-----	-----	-----	100	-----
3317 IRON AND STEEL PIPE AND TUBE-----	31,055	29,622	835	41	557	-----	-----	-----
3318 FERRALLLOYS-----	34,152	1,678	20,455	-----	-----	-----	11,646	-----
3319 IRON AND STEEL PRODUCTS, NEC-----	12,208	7,078	1,222	42	2,911	848	100	-----
3321 NONFERROUS METALS, NEC-----	2,186	794	1,229	-----	168	-----	-----	-----
3322 COPPER ALLOYS, UNWORKED-----	7,696	2,698	5,098	27	73	-----	-----	-----
3323 LEAD AND ZINC, UNWORKED-----	1,800	21	1,761	-----	18	-----	-----	-----
3324 ALUMINUM AND ALLOYS, UNWORKED-----	31,025	793	26,814	1,567	1,851	-----	-----	-----
3411 FABRICATED METAL PRODUCTS-----	44,914	24,714	16,160	422	2,958	660	-----	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	136,373	40,398	90,484	1,733	905	2,017	836	-----
3611 ELECTRICAL MACH AND EQUIP-----	50,474	13,727	25,776	3,718	5,978	1,145	130	-----
3711 MOTOR VEHICLES, PARTS, EQUIP-----	29,404	8,703	18,843	200	1,658	-----	-----	-----
3721 AIRCRAFT AND PARTS-----	306	98	208	-----	-----	-----	-----	-----
3731 SHIPS AND BOATS-----	8,274	321	1,499	6,384	-----	60	-----	-----
3791 MISC TRANSPORTATION EQUIPMENT-----	3,948	2,924	993	-----	2	-----	-----	-----
3811 INSTR, TIME, PHOTO, OPT GOODS-----	7,605	1,148	2,086	430	51	-----	-----	-----
4011 MISC MANUFACTURED PRODUCTS-----	15,000	11,000	2,000	-----	1,200	488	-----	-----
4011 IRON AND STEEL SCRAP-----	19,697	-----	11,329	828	7,500	-----	-----	-----
4012 NONFERROUS METAL SCRAP-----	27,324	390	26,913	21	-----	-----	-----	-----
4022 TEXTILE WASTE, SCRAP, SWEEP-----	70,175	445	69,329	299	82	-----	-----	-----
4024 PAPER WASTE AND SCRAP-----	36,338	-----	36,209	39	-----	-----	-----	-----
4029 WASTE AND SCRAP, NEC-----	215	-----	-----	215	-----	-----	-----	-----
4112 COMMODITIES, NEC-----	206,733	4,594	1,819	22,052	95,759	46,525	35,984	-----
9999 DEPARTMENT OF DEFENSE AND SCI-----	646	-----	646	-----	-----	-----	-----	-----

SHIPYARD RIVER, S. C. (INCLUDED IN CHARLESTON HARBOR, S. C.)

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR		TONS	YEAR		TONS
1971	-----	829,065	1976	-----	888,85
1972	-----	815,772	1977	-----	1,006,71
1973	-----	878,292	1978	-----	879,74
1974	-----	890,013	1979	-----	922,05
1975	-----	890,537	1980	-----	865,42

## FREIGHT TRAFFIC, 1980

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			LOCAL
		IMPORTS	EXPORTS	COASTWISE	INTERNAL		
				RECEIPTS	RECEIPTS	SHIPMENTS	
TOTAL-----	865,425	327,590	24,043	449,389	31,816	9,680	22,707
1091 ALUMINUM ORES, CONCENTRATES-----	13,327	13,327	-----	-----	-----	-----	-----
1091 NONFERROUS ORES, CONCENT, NEC-----	206,694	187,722	-----	10,370	8,599	-----	-----
1411 LIMESTONE-----	47,089	47,089	-----	-----	-----	-----	-----
1671 PHOSPHATE ROCK-----	16,060	16,060	-----	-----	-----	-----	-----
2010 SODIUM HYDROXIDE-----	53,290	-----	-----	53,290	-----	-----	-----
2017 BENZENE AND TOLUENE-----	3,805	-----	-----	3,805	-----	-----	-----
2019 BASIC CHEMICALS AND PROD, NEC-----	21,681	-----	4,200	17,670	-----	-----	-----
2023 SYNTHETIC (MAN-MADE) FIBERS-----	155	-----	155	-----	-----	-----	-----
2071 NITROGENOUS CHEM FERTILIZERS-----	22,504	22,504	-----	-----	-----	-----	-----
2073 PHOSPHATIC CHEM FERTILIZERS-----	6,496	6,496	-----	-----	-----	-----	-----
2091 MISCELLANEOUS CHEMICAL PROD-----	14,883	14,883	-----	-----	-----	-----	-----
2911 GASOLINE-----	191,840	-----	-----	191,840	-----	-----	-----
2912 JET FUEL-----	6,749	-----	-----	6,749	-----	-----	-----
2914 DISTILLATE FUEL OIL-----	74,131	-----	-----	71,633	-----	100	2,398
2915 RESIDUAL FUEL OIL-----	39,835	19,906	-----	-----	-----	-----	20,309
2916 LUBRICATING OILS AND GREASES-----	92,559	-----	-----	92,559	-----	-----	-----
2917 NAPHTHA, PETROLEUM SOLVENTS-----	1,208	-----	-----	1,208	-----	-----	-----
2920 COKE, PETROLEUM-----	23,212	-----	-----	-----	23,212	-----	-----
3310 FERROALLOYS-----	29,468	-----	19,688	-----	-----	9,780	-----
3911 MACHINERY, EXCEPT ELECTRICAL-----	248	3	-----	865	-----	-----	-----
3611 ELECTRICAL MACH AND EQUIP-----	5	-----	-----	-----	5	-----	-----
TOTAL TON-MILES, 865,425.							

## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

## OTHER HARBORS AND WATERWAYS

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON- MILES	PASSENGERS
PROJECT				
ASHLEY RIVER, S. C. (INCLUDED IN CHARLESTON HARBOR, S. C.)				292,691
CONGAREE RIVER, S. C.	3731 SHIPS AND BOATS	50	2,000	
EDISTO RIVER, S. C.	NO COMMERCE REPORTED			
GREAT PEE DEE RIVER, S. C.	3731 SHIPS AND BOATS	60	180	
NINGO CREEK, S. C.	3731 SHIPS AND BOATS	60	180	
PORT ROYAL HARBOR, S. C.	0111 SOYBEANS	7,915		
	0119 OILSEEDS, NEC	14,954		
	0161 ANIMALS AND PRODUCTS, NEC	309		
	0912 SHELLFISH, EXCEPT PREPARED	7,793		
	1471 PHOSPHATE ROCK	14,368		
	2034 VEGETABLES AND PREP, NEC	71		
	2042 PREPARED ANIMAL FEEDS	3,005		
	2049 GRAIN MILL PRODUCTS, NEC	357		
	2081 ALCOHOLIC BEVERAGES	89		
	2211 BASIC TEXTILE PRODUCTS	138		
	2421 LUMBER	300		
	2476 INSECTICIDES, DISINFECTANTS	79		
	2915 RESIDUAL FUEL OIL	154		
	3611 ELECTRICAL MACH AND EQUIP	91		
	TOTAL	49,623		
Santee River, S. C.	2414 TIMBER, POSTS, POLES, PILING	7,398		
	3731 SHIPS AND BOATS	50		
	TOTAL	7,448	199,448	
VILLAGE CREEK, S. C.	0912 SHELLFISH, EXCEPT PREPARED	73		
WACCAMAW RIVER, N. C. AND S. C.				602
NONPROJECT				
SANPIT RIVER, S. C.	2415 PULPHOOD, LOG	382,315	382,315	

## SAVANNAH, GA., DISTRICT

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## SAVANNAH HARBOR, GEORGIA

SECTION INCLUDED: FROM THE 40-FOOT CONTOUR IN THE OCEAN TO THE CONTINENTAL CAN COMPANY PLANT, 32.15 MILES; CONTROLLING DEPTH: FOR MID-CHANNEL, HALF PROJECT WIDTH, 40 FEET OVER THE BAR CHANNEL; THENCE 37 FEET TO THE GEORGIA PORTS AUTHORITY OCEAN TERMINAL; THENCE 37 FEET TO THE GEORGIA PORTS AUTHORITY GARDEN CITY TERMINAL; THENCE 36 FEET TO THE SAVANNAH SUGAR REFINERY; AND 30 FEET TO THE CONTINENTAL CAN COMPANY PLANT, PROJECT DEPTH: 40 FEET OVER THE BAR CHANNEL, 8.13 MILES; 38 FEET TO ABOVE GEORGIA PORTS AUTHORITY GARDEN CITY TERMINAL, 21.7 MILES; 36 FEET TO THE ATLANTIC CREOSOTING COMPANY, 1.1 MILES; 30 FEET TO ABOVE CONTINENTAL CAN COMPANY, 1.63 MILES.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1971-----	7,231,944	-----	1976-----	9,187,805	74,216
1972-----	8,037,171	752	1977-----	9,875,678	84,447
1973-----	8,980,201	129	1978-----	11,425,936	76,553
1974-----	9,698,679	29,780	1979-----	13,527,771	69,374
1975-----	7,593,297	78,001	1980-----	12,293,179	74,237

## FREIGHT TRAFFIC, 1980

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		LOCAL		
		IMPORTS	EXPORTS	COASTWISE			INTERNAL	
				RECEIPTS	SHIPMENTS		RECEIPTS	SHIPMENTS
TOTAL-----	12,293,179	4,702,760	4,863,722	2,218,595	450,850	79,274	260,171	217,807
0101 COTTON, RAW-----	3,763	-----	3,763	-----	-----	-----	-----	-----
0103 CORN-----	3,022	-----	3,010	-----	12	-----	-----	-----
0105 RICE-----	168	-----	-----	-----	-----	-----	-----	-----
0107 WHEAT-----	258,497	-----	258,497	-----	-----	-----	-----	-----
0111 SOYBEANS-----	381,121	-----	381,121	-----	-----	-----	-----	-----
0119 OILSEEDS, NEC-----	36,215	15	36,200	-----	-----	-----	-----	-----
0121 TOBACCO, LEAF-----	5,102	5,039	63	-----	-----	-----	-----	-----
0122 HAY AND FODDER-----	391	-----	-----	391	-----	-----	-----	-----
0129 FIELD CROPS, NEC-----	1,993	28	1,965	-----	-----	-----	-----	-----
0131 FRESH FRUITS AND TREE NUTS-----	482	100	382	-----	-----	-----	-----	-----
0133 COFFEE-----	1,130	1,130	-----	-----	-----	-----	-----	-----
0141 FRESH AND FROZEN VEGETABLES-----	8,085	86	7,999	-----	-----	-----	-----	-----
0161 ANIMALS AND PRODUCTS, NEC-----	1,496	683	813	-----	-----	-----	-----	-----
0191 MISCELLANEOUS FARM PRODUCTS-----	1,251	548	703	-----	-----	-----	-----	-----
0841 CRUDE RUBBER AND ALLIED GUMS-----	52,310	51,596	754	-----	-----	-----	-----	-----
0841 FOREST PRODUCTS, NEC-----	2,529	1,946	583	-----	-----	-----	-----	-----
0911 FRESH FISH, EXCEPT SHELLFISH-----	8,704	8,125	579	-----	-----	-----	-----	-----
0912 SHELLFISH, EXCEPT PREPARED-----	1,098	798	300	-----	-----	-----	-----	-----
1021 COPPER ORE AND CONCENTRATES-----	22	-----	22	-----	-----	-----	-----	-----
1051 ALUMINUM ORES, CONCENTRATES-----	42,579	42,393	226	-----	-----	-----	-----	-----
1091 NONFERROUS ORES, CONCENT, NEC-----	36,928	36,682	246	-----	-----	-----	-----	-----
1121 COAL AND LIGNITE-----	498	-----	466	-----	32	-----	-----	-----
1311 CRUDE PETROLEUM-----	574,751	574,751	-----	-----	-----	-----	-----	-----
1411 LIMESTONE-----	561,853	560,187	1,666	-----	-----	-----	-----	-----
1412 BUILDING STONE, UNWORKED-----	11,792	-----	11,776	-----	16	-----	-----	-----
1442 SAND, GRAVEL, CRUSHED ROCK-----	3,803	1,176	2,469	-----	158	-----	-----	-----
1451 CLAY-----	1,251,182	37,822	1,213,152	258	-----	-----	-----	-----
1471 PHOSPHATE ROCK-----	80	-----	-----	-----	80	-----	-----	-----
1479 NATURAL FERTILIZER MATS, NEC-----	4,398	4,398	-----	-----	-----	-----	-----	-----
1491 SALT-----	252	-----	-----	-----	252	-----	-----	-----
1492 SULPHUR, DRY-----	67	-----	62	-----	5	-----	-----	-----
1493 SULPHUR, LIQUID-----	183,057	-----	120,668	62,389	-----	-----	-----	-----
1499 NONMETALLIC MINERALS, NEC-----	24,499	6,065	17,952	442	-----	-----	-----	-----
1911 ORDNANCE AND ACCESSORIES-----	133	133	-----	-----	-----	-----	-----	-----
2011 MEAT, FRESH, CHILLED, FROZEN-----	38,608	619	37,949	-----	20	-----	-----	-----
2012 MEAT AND PRODUCTS, NEC-----	2,534	1,575	999	-----	-----	-----	-----	-----
2014 TALLOW, ANIMAL FATS AND OILS-----	1,105	-----	1,115	-----	-----	-----	-----	-----
2015 ANIMAL BY-PRODUCTS, NEC-----	1,492	4	1,488	-----	-----	-----	-----	-----
2021 DAIRY PRODUCTS, NEC-----	204	39	31	134	-----	-----	-----	-----
2022 DRIED MILK AND CREAM-----	7,519	-----	7,519	-----	-----	-----	-----	-----
2031 FISH AND SHELLFISH, PREPARED-----	1,768	1,524	179	65	-----	-----	-----	-----
2034 VEGETABLES AND PREP, NEC-----	19,364	16,614	2,697	53	-----	-----	-----	-----
2039 PREP FRUIT AND VEG JUICE, NEC-----	38,568	11,497	26,872	197	-----	-----	-----	-----
2041 WHEAT FLOUR AND SEMOLINA-----	11	-----	-----	-----	11	-----	-----	-----
2042 PREPARED ANIMAL FEEDS-----	3,656	30	3,620	-----	-----	-----	-----	-----
2049 GRAIN MILL PRODUCTS, NEC-----	7,298	1,593	5,240	68	357	-----	-----	-----
2061 SUGAR-----	256,642	193,770	45,441	46,631	10,000	-----	-----	-----
2081 ALCOHOLIC BEVERAGES-----	23,919	17,032	3,156	2,208	602	-----	921	-----
2091 VEGETABLE OILS, MARG, SHORT-----	1,318	1,107	111	-----	-----	100	-----	-----
2099 MISCELLANEOUS FOOD PRODUCTS-----	35,374	6,789	12,457	221	298	20	15,589	-----
2111 TOBACCO MANUFACTURES-----	236	60	174	-----	2	-----	-----	-----
2211 BASIC TEXTILE PRODUCTS-----	213,942	123,887	86,938	1,759	1,358	-----	-----	-----
2212 TEXTILE FINERS, NEC-----	346	111	70	165	-----	-----	-----	-----
2311 APPAREL-----	14,716	13,438	1,008	-----	-----	278	-----	-----
2411 LOGS-----	1,649	183	1,946	-----	-----	-----	-----	-----
2413 FUEL WOOD, CHARCOAL, WASTES-----	593	521	72	-----	-----	-----	-----	-----
2414 TIMBER, POSTS, POLES, PILING-----	3,149	-----	3,149	-----	-----	-----	-----	-----
2416 WOOD CHIPS, STAVES, HOLDINGS-----	768,797	-----	768,797	-----	-----	-----	-----	-----
2421 LUMBER-----	88,117	14,586	66,075	-----	7,456	-----	-----	-----
2431 VENEER, PLYWOOD, WORKED WOOD-----	48,086	44,441	1,448	-----	197	-----	-----	-----
2491 WOOD MANUFACTURES, NEC-----	5,774	2,505	3,101	-----	88	-----	-----	-----
2511 FURNITURE AND FIXTURES-----	16,488	12,575	1,892	76	2,155	-----	-----	-----
2611 PULP-----	465,534	46,091	406,015	-----	13,428	-----	-----	-----
2631 PAPER AND PAPERBOARD-----	448,190	1,668	593,138	4,454	-----	58,930	-----	-----
2691 PULP AND PAPER PRODUCTS, NEC-----	10,823	309	10,441	73	-----	-----	-----	-----
2711 PRINTED MATTER-----	984	512	472	-----	-----	-----	-----	-----
2810 SODIUM HYDROXIDE-----	25,181	-----	25,181	-----	-----	-----	-----	-----
2812 DYES, PIGMENT, TANNING MATS-----	731	-----	731	-----	-----	-----	-----	-----
2813 ALCOHOLS-----	11,773	-----	7	1,911	9,959	-----	-----	-----

## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

SAVANNAH HARBOR, GEORGIA--CONTINUED

FREIGHT TRAFFIC, 1980--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		LOCAL		
		IMPORTS	EXPORTS	COASTWISE			INTERNAL	
				RECEIPTS	SHIPMENTS		RECEIPTS	SHIPMENTS
2816 RADIOACTIVE MATERIALS, WASTES-----	594	39	495	-----	-----	-----	-----	-----
2819 BASIC CHEMICALS AND PROD. NEC-----	596,814	380,930	40,589	130,981	44,294	-----	-----	-----
2821 PLASTIC MATERIALS-----	66,229	5,530	59,214	16	-----	1,469	-----	-----
2822 SYNTHETIC RUBBER-----	4,690	-----	4,690	-----	-----	-----	-----	-----
2823 SYNTHETIC (MAN-MADE) FIBERS-----	29,284	1,127	28,157	-----	-----	-----	-----	-----
2831 DRUGS-----	1,810	983	834	-----	23	-----	-----	-----
2841 SOAP-----	3,014	783	1,602	594	39	-----	-----	-----
2851 PAINTS-----	7,054	6,124	909	-----	21	-----	-----	-----
2861 GUM AND WOOD CHEMICALS-----	105,927	3,276	96,138	-----	15	6,098	-----	-----
2871 NITROGENOUS CHEM. FERTILIZERS-----	281,664	7,287	257,106	4,578	7,237	-----	5,536	-----
2873 PHOSPHATIC CHEM. FERTILIZERS-----	2,422	-----	2,422	-----	-----	-----	-----	-----
2876 INSECTICIDES, DISINFECTANTS-----	7,289	889	6,406	-----	44	-----	-----	-----
2879 FERTILIZER AND MATERIALS, NEC-----	5,142	384	4,713	-----	129	-----	-----	-----
2891 MISCELLANEOUS CHEMICAL PROD-----	22,736	4,244	18,150	196	146	-----	-----	-----
2911 GASOLINE-----	867,219	21,395	85	821,717	24,882	-----	-----	-----
2912 JET FUEL-----	208	-----	-----	-----	-----	208	-----	-----
2913 KEROSENE-----	17,367	-----	-----	17,367	-----	-----	-----	-----
2914 DISTILLATE FUEL OIL-----	927,838	24,694	-----	473,873	4,627	1,528	18,881	4,315
2915 RESIDUAL FUEL OIL-----	1,161,411	564,156	-----	297,822	59,869	-----	33,182	206,402
2916 LUBRICATING OILS AND GREASES-----	34,200	24,988	581	8,631	-----	-----	-----	-----
2917 NAPHTHA, PETROLEUM SOLVENTS-----	114,881	-----	80,639	25,372	-----	-----	8,870	-----
2918 ASPHALT, TAR, AND PITCHES-----	368,035	71,535	399	112,000	177,011	-----	-----	7,090
2920 COKE, PETROLEUM COKE-----	925	92	833	-----	-----	-----	-----	-----
2921 LIQUEFIED GASES-----	598,943	598,942	-----	-----	1	-----	-----	-----
2951 ASPHALT BUILDING MATERIALS-----	1,475	-----	1,475	-----	-----	-----	-----	-----
2991 PETROLEUM AND COAL PROD. NEC-----	634	683	31	-----	-----	-----	-----	-----
3011 RUBBER AND MISC. PLASTIC PROD-----	23,385	16,088	6,978	94	245	-----	-----	-----
3111 LEATHER AND LEATHER PRODUCTS-----	9,460	8,486	852	-----	2	-----	-----	-----
3211 GLASS AND GLASS PRODUCTS-----	13,049	2,955	9,623	-----	471	-----	-----	-----
3241 BUILDING CEMENT-----	94,936	-----	647	54,289	-----	-----	-----	-----
3251 STRUCTURAL CLAY PRODUCTS-----	13,142	10,303	2,832	-----	27	-----	-----	-----
3281 CUT STONE AND STONE PRODUCTS-----	1,938	1,762	176	-----	-----	-----	-----	-----
3291 MISC. NONMETALLIC MINERAL PROD-----	12,976	9,561	2,947	468	-----	-----	-----	-----
3314 IRON AND STEEL PRIMARY FORMS-----	7,792	-----	-----	-----	7,776	-----	-----	-----
3315 IRON, STEEL SHAPES, EXC. SHEET-----	285,981	210,675	1,283	-----	-----	54,023	-----	-----
3316 IRON AND STEEL PLATES, SHEETS-----	8,165	788	2,580	-----	78	4,145	582	-----
3317 IRON AND STEEL PIPE AND TUBE-----	38,800	38,013	750	22	15	-----	-----	-----
3318 FERROALLOYS-----	49,832	40,872	7,091	-----	-----	1,869	-----	-----
3319 IRON AND STEEL PRODUCTS, NEC-----	11,725	8,967	814	-----	145	-----	1,799	-----
3321 NONFERROUS METALS, NEC-----	3,337	691	2,686	-----	-----	-----	-----	-----
3322 COPPER ALLOYS, UNWORKED-----	41,011	40,143	864	4	2	-----	-----	-----
3323 LEAD AND ZINC, UNWORKED-----	22,988	80	22,938	-----	-----	-----	-----	-----
3324 ALUMINUM AND ALLOYS, UNWORKED-----	27,947	3,780	24,133	26	-----	-----	-----	-----
3411 FABRICATED METAL PRODUCTS-----	67,876	76,524	15,379	911	753	379	3,936	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	82,933	45,587	36,180	382	109	347	408	-----
3611 ELECTRICAL MACH. AND EQUIP-----	37,064	20,483	16,446	135	-----	-----	-----	-----
3711 MOTOR VEHICLES, PARTS, EQUIP-----	44,305	34,696	8,909	308	192	-----	-----	-----
3721 AIRCRAFT AND PARTS-----	96	50	46	-----	-----	-----	-----	-----
3731 SHIPS AND BOATS-----	1,594	178	838	-----	2	576	-----	-----
3791 MISC. TRANSPORTATION EQUIPMENT-----	3,377	2,573	720	-----	84	-----	-----	-----
3811 INSTR. TIME, PHOTO, OPT. GOODS-----	2,146	1,174	972	-----	-----	-----	-----	-----
3911 MISC. MANUFACTURED PRODUCTS-----	18,013	16,397	1,083	8	37	-----	488	-----
4011 IRON AND STEEL SCRAP-----	52,413	-----	52,413	-----	-----	-----	-----	-----
4012 NONFERROUS METAL SCRAP-----	113,455	84,258	29,197	-----	-----	-----	-----	-----
4022 TEXTILE WASTE, SCRAP, SWEEP-----	16,100	22	16,078	-----	-----	-----	-----	-----
4024 PAPER WASTE AND SCRAP-----	43,847	982	42,865	-----	-----	-----	-----	-----
4112 COMMODITIES, NEC-----	119,622	2,072	1,123	15,407	7,976	36,696	56,748	-----
9999 DEPARTMENT OF DEFENSE AND SCI-----	689	-----	689	-----	-----	-----	-----	-----
TOTAL TON-MILES, 240,237,413,	-----	-----	-----	-----	-----	-----	-----	-----

ATLANTIC INTRACOASTAL WATERWAY BETWEEN NORFOLK, VA., AND  
THE ST. JOHNS RIVER, FLA. (SAVANNAH DISTRICT)SECTION INCLUDED: PORT ROYAL SOUND, S. C., TO CUMBERLAND SOUND, CONTROLLING DEPTH: 9 FEET OR GREATER; PROJECT DEPTH: 12 FEET.  
NAVIGATION SEASON: ENTIRE YEAR.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1971-----	1,018,192	40	1976-----	1,867,671	48,470
1972-----	1,332,763	96	1977-----	975,078	43,206
1973-----	1,235,784	146	1978-----	926,702	46,782
1974-----	1,231,890	25,700	1979-----	816,504	25,960
1975-----	901,101	54,878	1980-----	844,659	33,734

## SAVANNAH, GA., DISTRICT

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ATLANTIC INTRACOASTAL WATERWAY BETWEEN NORFOLK, VA., AND  
THE ST. JOHNS RIVER, FLA. (SAVANNAH DISTRICT)--CONTINUED

FREIGHT TRAFFIC, 1980

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE		INTERNAL			
		THROUGH		THROUGH		THROUGH	
		NORTHBOUND	SOUTHBOUND	NORTHBOUND	SOUTHBOUND	NORTHBOUND	SOUTHBOUND
TOTAL-----	844,639	19,038	5,921	971	594,670	210	223,549
0911 FRESH FISH, EXCEPT SHELLFISH-----	64			3			61
0912 SHELLFISH, EXCEPT PREPARED-----	1,084			60		210	734
0913 MENHADEN-----	10,297						10,297
1091 NONFERROUS ORES, CONCENT., NEC-----	7,468	4,983			2,485		
2049 GRAIN MILL PRODUCTS, NEC-----	387						387
2041 SUGAR-----	10,880				10,880		
2091 ALCOHOLIC BEVERAGES-----	921				594		327
2091 VEGETABLE OILS, MARG., SHORT-----	100				100		
2099 MISCELLANEOUS FOOD PRODUCTS-----	15,609				15,589		20
2211 BASIC TEXTILE PRODUCTS-----	1,398						1,358
2311 APPAREL-----	278						278
2611 PULP-----	122,570				122,570		
2631 PAPER AND PAPERBOARD-----	58,930				58,930		
2810 SODIUM HYDROXIDE-----	25,200						25,200
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	1,500						1,500
2813 ALCOHOLS-----	9,794	9,794					
2821 PLASTIC MATERIALS-----	1,469				1,469		
2861 GUM AND WOOD CHEMICALS-----	6,098				6,098		
2871 NITROGENOUS CHEM. FERTILIZERS-----	11,107	5,571			5,536		
2873 PHOSPHATIC CHEM. FERTILIZERS-----	5,045				5,015		
2912 JET FUEL-----	208						208
2914 DISTILLATE FUEL OIL-----	27,177		60		23,207		3,910
2919 RESIDUAL FUEL OIL-----	296,293				234,672		61,581
2917 NAPHTHA, PETROLEUM SOLVENTS-----	42,214				8,870		33,344
2991 PETROLEUM AND COAL PROD., NEC-----	3,949						3,949
3291 MISC. NONMETALLIC MINERAL PROD-----	31						31
3319 IRON, STEEL SHAPES, EXC. SHEET-----	95,622				34,676		20,946
3316 IRON AND STEEL PLATES, SHEETS-----	11,340		70		388		10,882
3318 FERROALLOYS-----	1,869						1,869
3319 IRON AND STEEL PRODUCTS, NEC-----	1,799				1,799		
3411 FABRICATED METAL PRODUCTS-----	5,287	458	220		1,600		3,009
3511 MACHINERY, EXCEPT ELECTRICAL-----	7,229	2,965		300	2,487		1,877
3611 ELECTRICAL MACH. AND EQUIP-----	1,680				1,555		125
3731 SHIPS AND BOATS-----	4,033	1,338		408	2,387		
3791 MISC. TRANSPORTATION EQUIPMENT-----	280	200					
3911 MISC. MANUFACTURED PRODUCTS-----	489				488		
4112 COMMODITIES, NEC-----	95,381				53,355		42,026
TOTAL TON-MILES, 49,787,795.							

## BRUNSWICK HARBOR, GEORGIA

SECTION INCLUDED: FROM 32-FOOT CONTOUR IN THE OCEAN ACROSS THE BAR THROUGH ST. SIMON SOUND, BRUNSWICK RIVER, AND TURTLE RIVER TO THE UPPER END OF THE ALLIED CHEMICAL COMPANY'S WHARF, FORMERLY ATLANTIC REFINING COMPANY WHARF, 20.4 MILES; FROM BRUNSWICK RIVER THROUGH EAST RIVER, TO THE UPPER END OF THE PROJECT IN ACADEMY CREEK, 2.7 MILES; FROM ST. SIMON SOUND THROUGH BACK RIVER TO MILL CREEK, THE UPPER END OF BACK RIVER IMPROVEMENT, 2.9 MILES; FROM BACK RIVER THROUGH TERRY CREEK TO THE GYNN CANNING COMPANY'S WHARF, 1.8 MILES; A TOTAL DISTANCE OF 27.4 MILES. CONTROLLING DEPTH: 31 FEET OVER THE BAR; 28 FEET THROUGH ST. SIMON SOUND, BRUNSWICK RIVER, AND EAST RIVER TO THE FOOT OF SECOND AVENUE (CITY OF BRUNSWICK); 18 FEET IN EAST RIVER FROM SECOND AVENUE TO THE CONFLUENCE WITH ACADEMY CREEK; AND 28 FEET TO ALLIED CHEMICAL COMPANY'S WHARF (TURTLE RIVER); 12 FEET IN ACADEMY CREEK, AND 3.0 FEET IN BACK RIVER, TERRY CREEK 3 FEET. PROJECT DEPTH: 32 FEET OVER THE BAR; 30 FEET IN BRUNSWICK, TURTLE, AND EAST RIVERS TO THE FOOT OF SECOND AVENUE; AND 27 FEET FROM SECOND AVENUE TO ACADEMY CREEK; 24 FEET IN ACADEMY CREEK; 20 FEET IN BACK RIVER, AND 10 FEET IN TERRY CREEK. NAVIGATION SEASON: ENTIRE YEAR.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	ADDITIONAL THROUGH TRAFFIC (TONS)	YEAR	TONS	PASSENGERS	ADDITIONAL THROUGH TRAFFIC (TONS)
1971-----	1,059,104	72	116,305	1976-----	1,685,810	4,124	127,478
1972-----	1,263,088	139	311,675	1977-----	1,744,797	227	144,899
1973-----	1,393,693	161	207,665	1978-----	1,820,165	190	72,354
1974-----	1,969,799	118	185,315	1979-----	1,643,869		141,876
1975-----	1,430,354	238	131,366	1980-----	1,463,584	284	145,087

FREIGHT TRAFFIC, 1980

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			
		IMPORTS	EXPORTS	COASTWISE		INTERNAL	
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS
TOTAL-----	1,463,584	980,295	139,973	690	69,158	67,686	217,008
0109 RICE-----	8		8				
0111 SOYBEANS-----	1,635		1,635				
0801 FOREST PRODUCTS, NEC-----	13		13				
0912 SHELLFISH, EXCEPT PREPARED-----	123					123	
1411 LIMESTONE-----	312,774	312,158	696				
1442 SAND, GRAVEL, CRUSHED ROCK-----	222		222				
1491 CLAY-----	11,743	11,743					
1471 PHOSPHATE ROCK-----	5,000	5,000					



## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

BRUNSWICK HARBOR, GEORGIA--CONTINUED

FREIGHT TRAFFIC, 1980--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC INTERNAL		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
1491 SALT-----	272,632	272,632						
1911 ORE AND ACCESSORIES-----	183		183					
2011 MEAT, FRESH, CHILLED, FROZEN-----	24		24					
2012 MEAT AND PRODUCTS, NEC-----	2		2					
2042 PREPARED ANIMAL FEEDS-----	25,816		25,816					
2061 CIGAR-----	64,958		8		64,958			
2091 ALCOHOLIC BEVERAGES-----	2		2					
2091 VEGETABLE OILS, MARG, SHORT-----	10		10					
2099 MISCELLANEOUS FOOD PRODUCTS-----	15		15					
2211 BASIC TEXTILE PRODUCTS-----	31		31					
2414 TIMBER, POSTS, POLES, PILING-----	2,429		2,429					
2421 LUMBER-----	107		157					
2431 VENEER, PLYWOOD, WORKED WOOD-----	19		19					
2511 FURNITURE AND FIXTURES-----	3		5					
2611 PULP-----	206,848		86,278				122,570	
2631 PAPER AND PAPERBOARD-----	2,668		2,668					
2810 SODIUM HYDROXIDE-----	25,200						25,200	
2821 PLASTIC MATERIALS-----	1,575		106				1,469	
2841 SOAP-----	2		2					
2851 PAINTS-----	5		5					
2861 GUM AND WOOD CHEMICALS-----	10,183		4,085				6,098	
2873 PHOSPHATIC CHEM FERTILIZERS-----	61,283	59,166	2,117					
2879 FERTILIZER AND MATERIALS, NEC-----	8,313	2,000	6,313					
2891 MISCELLANEOUS CHEMICAL PROD-----	5,198		198					
2914 DISTILLATE FUEL OIL-----	5,659					5,659		
2915 RESIDUAL FUEL OIL-----	433,456	287,627				61,734	61,581	22,514
2916 LUBRICATING OILS AND GREASES-----	37		37					
2921 LIQUEFIED GASES-----	35		35					
2951 ASPHALT BUILDING MATERIALS-----	221		221					
3011 RUBBER AND MISC PLASTIC PROD-----	34		34					
3241 BUILDING CEMENT-----	115		115					
3291 MISC NONMETALLIC MINERAL PROD-----	6,172		6,172					
3316 IRON AND STEEL PLATES, SHEETS-----	3		3					
3317 IRON AND STEEL PIPE AND TUBE-----	11		11					
3319 IRON AND STEEL PRODUCTS, NEC-----	14		14					
3321 NONFERROUS METALS, NEC-----	1		1					
3322 COPPER ALLOYS, UNWORKED-----	1		1					
3411 FABRICATED METAL PRODUCTS-----	43	2	41					
3511 MACHINERY, EXCEPT ELECTRICAL-----	341		141		200			
3611 ELECTRICAL MACH AND EQUIP-----	9		9					
3711 MOTOR VEHICLES, PARTS, EQUIP-----	174		174					
3731 SHIPS AND BOATS-----	865	1	4	690		170		
3791 MISC TRANSPORTATION EQUIPMENT-----	200			200				
3911 MISC MANUFACTURED PRODUCTS-----	151		1				150	
4112 COMMODITIES, NEC-----	5	3	2					
TOTAL TON-MILES,-----	12,077,882							

## OTHER HARBORS AND WATERWAYS

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON-MILES	PASSENGERS
PROJECT				
ALTAMAH RIVER, GA.-----	NO COMMERCE REPORTED			
DARIEN HARBOR, GA.-----	3731 SHIPS AND BOATS-----	50	350	
SATILLA RIVER, GA.-----	NO COMMERCE REPORTED			
SAVANNAH RIVER BELOW AUGUSTA, GA.-----	2915 RESIDUAL FUEL OIL-----	25,759		
	3511 MACHINERY, EXCEPT ELECTRICAL-----	1,050		
	TOTAL-----	26,809	4,456,952	
ST. MARYS RIVER, GA. AND FLA.-----	2914 DISTILLATE FUEL OIL-----	1,368		
	2915 RESIDUAL FUEL OIL-----	182,779		
	3731 SHIPS AND BOATS-----	158		
	TOTAL-----	184,305	784,186	

# JACKSONVILLE, FLA., DISTRICT

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## FERNANDINA HARBOR, FLA.

SECTION INCLUDED: FROM THE BAR TO THE JUNCTION OF LANCEFORD CREEK WITH AMELIA RIVER, 7 MILES. CONTROLLING DEPTH: 40 FEET OVER THE OUTER HARBOR, 9 MILES; AND 21 FEET OVER THE INNER HARBOR, 2 MILES. PROJECT DEPTH: 32 FEET.

### COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971-----	318,596	1976-----	411,567
1972-----	382,683	1977-----	372,721
1973-----	366,679	1978-----	400,369
1974-----	372,791	1979-----	354,177
1975-----	354,344	1980-----	351,274

## FREIGHT TRAFFIC, 1980

### DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL	
		RECEIPTS	SHIPMENTS
TOTAL-----	351,274	348,454	2,820
0911 FRESH FISH, EXCEPT SHELLFISH-----	61	61	-----
0912 SHELLFISH, EXCEPT PREPARED-----	734	734	-----
0913 MENHADEN-----	10,297	10,297	-----
2099 ICE-----	2,820	-----	2,820
2810 SODIUM HYDROXIDE-----	25,200	25,200	-----
2915 RESIDUAL FUEL OIL-----	312,082	312,082	-----
3731 SHIPS AND BOATS-----	120	120	-----

## ATLANTIC INTRACOASTAL WATERWAY BETWEEN NORFOLK, VA., AND THE ST. JOHNS RIVER, FLA. (JACKSONVILLE DISTRICT)

SECTION INCLUDED: FERNANDINA HARBOR, FLA., TO ST. JOHNS RIVER, 21.9 MILES. CONTROLLING DEPTH: 08 FEET AND 4.6 FEET. PROJECT DEPTH: 12 FEET.

### COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971-----	834,209	1976-----	869,486
1972-----	1,240,844	1977-----	844,583
1973-----	1,023,745	1978-----	739,772
1974-----	871,213	1979-----	675,061
1975-----	707,455	1980-----	756,744

## FREIGHT TRAFFIC, 1980

### DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE		INTERNAL		INTERNAL	
		THROUGH		THROUGH		THROUGH	
		NORTHBOUND	SOUTHBOUND	NORTHBOUND	SOUTHBOUND	NORTHBOUND	SOUTHBOUND
TOTAL-----	756,744	19,038	5,821	293,742	2,820	268,449	54,712
0911 FRESH FISH, EXCEPT SHELLFISH-----	61	-----	-----	-----	-----	61	-----
0912 SHELLFISH, EXCEPT PREPARED-----	734	-----	-----	-----	-----	734	-----
0913 MENHADEN-----	10,297	-----	-----	-----	-----	10,297	-----
1091 NONFERROUS ORES, CONCENT, NEC-----	7,488	4,983	-----	-----	-----	2,485	-----
2091 SUGAR-----	10,800	-----	-----	-----	-----	10,800	-----
2091 ALCOHOLIC BEVERAGES-----	327	-----	-----	-----	-----	-----	327
2099 ICE-----	2,820	-----	-----	-----	2,820	-----	-----
2311 APPAREL-----	278	-----	-----	-----	-----	-----	278
2810 SODIUM HYDROXIDE-----	25,200	-----	-----	-----	-----	25,200	-----
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	1,500	-----	-----	-----	-----	-----	1,500
2813 ALCOHOLS-----	9,794	9,794	-----	-----	-----	-----	-----
2871 NITROGENOUS CHEM FERTILIZERS-----	5,571	-----	5,571	-----	-----	-----	-----
2873 PHOSPHATIC CHEM FERTILIZERS-----	5,015	-----	-----	-----	5,015	-----	-----
2914 DISTILLATE FUEL OIL-----	12,286	60	-----	-----	8,316	-----	3,910
2915 RESIDUAL FUEL OIL-----	365,586	-----	-----	293,622	227,269	18,460	26,235
2917 NAPHTHA, PETROLEUM SOLVENTS-----	33,344	-----	-----	-----	-----	-----	33,344
2991 PETROLEUM AND COAL PROD, NEC-----	3,949	-----	-----	-----	-----	-----	3,949
3291 MISC NONMETALLIC MINERAL PROD-----	31	-----	-----	-----	-----	-----	31
3315 IRON, STEEL SHAPES, ETC SHEET-----	28,946	-----	-----	-----	-----	-----	28,946
3316 IRON AND STEEL PLATES, SHEETS-----	7,010	-----	78	-----	-----	-----	6,946
3411 FABRICATED METAL PRODUCTS-----	3,822	498	120	-----	-----	305	2,939
3511 MACHINERY, EXCEPT ELECTRICAL-----	6,259	2,365	-----	-----	2,580	-----	1,110
3611 ELECTRICAL MACH AND EQUIP-----	1,680	-----	-----	-----	1,559	-----	129
3731 SHIPS AND BOATS-----	4,153	1,038	-----	120	-----	2,995	-----
3791 MISC TRANSPORTATION EQUIPMENT-----	200	200	-----	-----	-----	-----	-----
4112 COMMODITIES, NEC-----	17,651	-----	-----	-----	7,129	-----	10,522
TOTAL TON-MILES, 17,211,065.							

## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

## JACKSONVILLE HARBOR, FLA.

SECTION INCLUDING ATLANTIC OCEAN TO THE FLORIDA EAST COAST RAILWAY BRIDGE AT JACKSONVILLE, 26.1 MILES. CONTROLLING DEPTH: 31 FEET. OCEAN TO MILE 20, EXCEPT FOR ISOLATED SHOALS IN THE OUTSIDE QUARTER; 31 FEET, MILE 20 TO COMMODORE POINT. PROJECT DEPTH: 38 FEET FROM OCEAN TO MILE 20, 34 FEET TO COMMODORE POINT, THEN 30 FEET TO FLORIDA EAST COAST RAILWAY BRIDGE.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1971	12,448,895	886	1974	14,397,951	3,304
1972	14,885,935	3,092	1977	15,108,032	4,492
1973	15,513,590	2,049	1978	15,712,893	2,172
1974	14,794,938	955	1979	15,278,008	
1975	13,495,764	1,233	1980	15,644,000	

## FREIGHT TRAFFIC, 1980

## (SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC INTERNAL		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL	15,644,000	3,039,929	3,137,260	6,019,907	965,622	121,475	1,944,025	415,782
0101 COTTON, RAW	39	39						
0103 CORN	27		27					
0174 OATS	7		7					
0175 RICE	363		363					
0176 SORGHUM GRAINS	5				5			
0111 SOYBEANS	33		33					
0119 OILSEEDS, NEC	43,850		43,850		7			
0121 TOBACCO, LEAF	5,274	5,236	38					
0122 HAY AND FODDER	782			391	391			
0129 FIELD CROPS, NEC	200		50	120	22			
0131 FRESH FRUITS AND TREE NUTS	11,642	489	11,090	63				
0132 BANANAS AND PLANTAINS	5		5					
0133 COFFEE	86,901	85,782	1,018	41	120			
0134 COCOA BEANS	134	134						
0141 FRESH AND FROZEN VEGETABLES	66,448	95	11,989	242	56,542			
0151 LIVE ANIMALS	21				21			
0161 ANIMALS AND PRODUCTS, NEC	8,599	169	109		8,321			
0191 MISCELLANEOUS FARM PRODUCTS	6,897	18	6,787		92			
0841 CRUDE RUBBER AND ALLIED GUMS	732	255			477			
0861 FOREST PRODUCTS, NEC	656	289	40		327			
0911 FRESH FISH, EXCEPT SHELLFISH	4,904	2,840	213	112	1,277	462		
0912 SHELLFISH, EXCEPT PREPARED	1,073	295	190			988		
0931 MARINE SHELLS, UNMANUFACTURED	21				21			
1051 ALUMINUM DRES, CONCENTRATES	344	329	15					
1091 NONFERROUS METS, CONCENT, NEC	62		62					
1121 COAL AND LIGNITE	13	13						
1311 CRUDE PETROLEUM	73,769			73,769				
1411 LIMESTONE	697,512	655,906	1,606					
1412 BUILDING STONE, UNWORKED	25				25			
1442 SAND, GRAVEL, CRUSHED ROCK	3,191		20		2,671	500		
1451 CLAY	39,145	69	37,452	200	1,424			
1471 PHOSPHATE ROCK	1,338,693		1,288,850		49,843			
1494 GYPSUM, CRUDE AND PLASTERS	107			22	89			
1499 NONMETALLIC MINERALS, NEC	1,345	305	375		665			
1911 ORDNANCE AND ACCESSORIES	44	13	2	29				
2011 MEAT, FRESH, CHILLED, FROZEN	30,758	5,118	9,307		16,333			
2012 MEAT AND PRODUCTS, NEC	23,394	10,949	332		12,513			
2014 TALLOW, ANIMAL FATS AND OILS	484			237	247			
2015 ANIMAL BY-PRODUCTS, NEC	444		144		280			
2021 DAIRY PRODUCTS, NEC	3,007	167		395	2,485			
2022 DIETARY MILK AND CREAM	658	209	5	158	296			
2031 FISH AND SHELLFISH, PREPARED	7,576	1,791	100	5,722				
2034 VEGETABLES AND PREP, NEC	3,837	2,746	830	30	231			
2039 PREP FRUIT AND VEG JUICE, NEC	59,776	5,972	38,467	197	14,920			
2041 WHEAT FLOUR AND SEMOLINA	2,220		893		1,397			
2042 PREPARED ANIMAL FEEDS	16,458	999	3,250	807	11,802			
2049 GRAIN MILL PRODUCTS, NEC	2,221	1,384	284	128	495			
2061 SUGAR	32,524	20	64		32,440			
2062 MOLASSES	111				111			
2081 ALCOHOLIC BEVERAGES	61,513	19,920	3,218	34,856	3,192	327		
2091 VEGETABLE OILS, MARG, SHORT	1,962	133	165		1,664			
2094 SNACKS	62				62			
2095 ICE	4,105					4,105		
2099 MISCELLANEOUS FOOD PRODUCTS	158,968	9,878	3,301	12,694	131,095			
2111 TOBACCO MANUFACTURES	1,440		686		490			
2211 BASIC TEXTILE PRODUCTS	9,961	2,298	6,177		1,284			
2212 TEXTILE FIBERS, NEC	1				1			
2311 APPAREL	36,162	169	1,290	2,901	31,364	278		
2411 LUMBER	214		142		72			
2413 FUEL WOOD, CHARCOAL, WASTES	5,570		5,205		365			
2414 TIMBER, POSTS, POLES, PILING	13,442		5,278		7,839	79	450	
2416 WOOD CHIPS, STAVES, MOLDINGS	369		219			150		
2421 LUMBER	40,432	32,974	4,107		3,261			
2431 VENEER, PLYWOOD, WORKED WOOD	2,009	384	503		1,122			
2491 WOOD MANUFACTURES, NEC	13,814	247	254	86	13,177		90	
2511 FURNITURE AND FIXTURES	17,903	1,225	539	124	16,815			
2611 PULP	34,506		34,506					
2621 STANDARD NEWSPRINT PAPER	244				244			
2631 PAPER AND PAPERBOARD	228,748	386	215,292		13,870			
2691 PULP AND PAPER PRODUCTS, NEC	66,385	133	3,718	762	61,772			
2711 PRINTED MATTER	1,187	288	148	6	745			
2813 SODIUM HYDROXIDE	13,066			13,066				
2811 CRUDE PETROLEUM, GAS PRODUCTS	7,229	5,727			2	1,500		
2812 DYES, PIGMENTS, TANNING AGENTS	280		1		279			
2813 ALCOHOLS	1,968		17	279	1,673			

## JACKSONVILLE, FLA., DISTRICT

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JACKSONVILLE HARBOR, FLA.--CONTINUED

FREIGHT TRAFFIC, 1980--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	COASTWISE RECEIPTS SHIPMENTS	INTERNAL RECEIPTS SHIPMENTS	
2816 RADIOACTIVE MATERIALS, WASTES	97		92		45	
2819 BASIC CHEMICALS AND PROD, NEC	94,596	2,832	11,633	2,468	37,665	
2821 PLASTIC MATERIALS	8,973	422	2,965	1,428	3,938	
2822 SYNTHETIC RUBBER	153		97		56	
2823 SYNTHETIC (MAN-MADE) FIBERS	2,592	867	1,118		607	
2831 DRUGS	3,110	275	35	2,076	724	
2841 SOAP	7,867	507	419	4,405	2,536	
2891 PAINTS	7,726	3,100	66	19	4,481	
2891 GUM AND HOOD CHEMICALS	11,881		11,799		122	
2871 NITROGENOUS CHEM FERTILIZERS	2,919	2,699	260			
2872 POTASSIC CHEM FERTILIZERS	766,048		766,048			
2873 PHOSPHATIC CHEM FERTILIZERS	49,245	3,094	37,236			5,015
2876 INSECTICIDES, DISINFECTANTS	2,281	469	1,567		245	
2879 FERTILIZER AND MATERIALS, NEC	412,690	464	409,500		2,726	
2891 MISCELLANEOUS CHEMICAL PROD	14,510	4,031	8,701	151	1,627	
2911 GASOLINE	2,240,606	12,721	9	2,145,433	41,284	11,028
2912 JET FUEL	369,100			182,571		170,628
2913 KEROSENE	38,549			38,549		
2914 DISTILLATE FUEL OIL	1,104,637	16,367		993,216	6,472	18,327
2915 RESIDUAL FUEL OIL	5,835,742	1,508,645		2,056,722	3,892	1,712,913
2916 LUBRICATING OILS AND GREASES	43,880	2,324	133	40,108	1,345	66,365
2917 NAPHTHA, PETROLEUM SOLVENTS	2,701				94	327,335
2918 ASPHALT, TAR, AND BITUMENS	140,944	60,045	68	80,832	19	1,299
2920 COKE, PETROLEUM COKE	90		90			
2921 LIQUEFIED GASES	1,709		1		1,708	
2991 ASPHALT BUILDING MATERIALS	1,237		12		1,825	
2991 PETROLEUM AND COAL PROD, NEC	324	299			25	
3011 RUBBER AND MISC PLASTIC PROD	30,331	7,865	2,732	1,691	18,843	
3111 LEATHER AND LEATHER PRODUCTS	1,314	298	70	901	45	
3211 GLASS AND GLASS PRODUCTS	12,939	695	336		11,908	
3241 BUILDING CEMENT	285,987	39,968	396	239,004	200	790
3291 STRUCTURAL CLAY PRODUCTS	7,839	2,397	1,939	174	3,349	
3271 LIME	64	64				
3291 CUT STONE AND STONE PRODUCTS	1,542	1,542				
3291 MISC NONMETALLIC MINERAL PROD	15,934	1,248	1,598	561	1,765	231
3312 SLAG	248				248	
3314 IRON AND STEEL PRIMARY FORMS	2,264		2,262		2	
3315 IRON, STEEL SHAPES, EXC SHEET	89,266	35,388	21,753	350	9,719	21,276
3316 IRON AND STEEL PLATES, SHEETS	9,551		2,130		7,271	830
3317 IRON AND STEEL PIPE AND TUBE	9,850	4,370	4,530	32		150
3318 FERROALLOYS	813	266	547			
3319 IRON AND STEEL PRODUCTS, NEC	8,056	2,674	4,526	67	789	
3321 NONFERROUS METALS, NEC	1,488	185	567	22	714	
3322 COPPER ALLOYS, UNWORKED	473	245	73	109	46	
3323 LEAD AND ZINC, UNWORKED	193	120			73	
3324 ALUMINUM AND ALLOYS, UNWORKED	3,566	6	1,262	190	2,108	
3411 FABRICATED METAL PRODUCTS	93,601	6,310	15,429	2,222	66,701	2,939
3911 MACHINERY, EXCEPT ELECTRICAL	42,003	18,589	8,035	946	13,831	682
3611 ELECTRICAL MACH AND EQUIP	80,961	3,379	6,205	3,063	68,314	720
3711 MOTOR VEHICLES, PARTS, EQUIP	493,966	436,444	19,761	1,032	36,709	
3721 AIRCRAFT AND PARTS	81	5	76			
3731 SHIPS AND BOATS	8,875	117	950	6,401	60	1,347
3791 MISC TRANSPORTATION EQUIPMENT	3,083	4	3,079			
3811 INSTR, TIME, PHOTO, OPT GOODS	3,454	347	207	2,877	23	
3911 MISC MANUFACTURED PRODUCTS	2,540	1,976	510	48	406	
4011 IRON AND STEEL SCRAP	29,182		28,599	303	300	
4012 NONFERROUS METAL SCRAP	9,629		9,168	311		
4022 TEXTILE WASTE, SCRAP, SWEEP	1,180		909	871		150
4024 PAPER WASTE AND SCRAP	5,440		5,440			
4029 WASTE AND SCRAP, NEC	5,191			5,191		
4112 COMMODITIES, NEC	210,810	1,893	212	37,024	153,836	10,522
9999 DEPARTMENT OF DEFENSE AND SCI	114		114			7,129
TOTAL TON-MILES, 300,323,426.						

ST. JOHNS RIVER, FLA., JACKSONVILLE TO LAKE HARNEY

SECTION INCLUDES FLORIDA EAST COAST RAILWAY BRIDGE AT JACKSONVILLE TO LAKE HARNEY, 181.9 MILES; SIDE CHANNEL TO ENTERPRISE, 2.7 MILES. CONTROLLING DEPTH: 14.9 FEET. JACKSONVILLE TO UNITED STATES NAVAL AIR STATION, 11.1 FEET TO SANFORD, 6.1 FEET IN ENTERPRISE CHANNEL, 4 FEET, SANFORD TO LAKE HARNEY. PROJECT DEPTH: 13 TO 12 FEET, JACKSONVILLE TO SANFORD, 140.6 MILES, AND 12 FEET IN ENTERPRISE CHANNEL, 9 FEET, SANFORD TO LAKE HARNEY, 20.9 MILES.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971	778,026	1974	1,231,882
1972	1,133,408	1975	1,160,926
1973	1,058,297	1976	1,558,423
1974	972,954	1977	1,516,374
1975	1,194,664	1978	1,476,207

## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

ST. JOHNS RIVER, FLA., JACKSONVILLE TO LAKE HARNEY--CONTINUED

FREIGHT TRAFFIC, 1980

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC				
		EXPORTS	SHIPMENTS	COASTWISE				THROUGH UPBOUND
				INBOUND	OUTBOUND	UPBOUND	DOWNBOUND	
TOTAL	1,476,207	2,509	8,171	1,308,000	31,040	9,524	318	116,649
0911 FRESH FISH, EXCEPT SHELLFISH	118						118	
1091 NONFERROUS ORES, CONCENT, NEC	2,485				2,485			
1442 SAND, GRAVEL, CRUSHED ROCK	300				300			
2414 TIMBER, POSTS, POLES, PILING	225			150	75			
2416 WOOD CHIPS, STAVES, MOLDINGS	150				150			
2491 WOOD MANUFACTURES, NEC	50			50				
2651 PAPER AND PAPERBOARD	1,703	1,703						
2619 BASIC CHEMICALS AND PROD, NEC	1	1						
2911 GASOLINE	39,119			12,239	26,880			
2912 JET FUEL	170,828			170,828				
2914 DISTILLATE FUEL OIL	10,011			10,011				
2915 RESIDUAL FUEL OIL	1,201,386			1,075,377		9,364		116,649
2917 NAPHTHA, PETROLEUM SOLVENTS	34,636			34,636				
2991 PETROLEUM AND TOL PROD, NEC	3,949			3,949				
3241 BUILDING CEMENT	213		13		200			
3291 MISC NONMETALLIC MINERAL PROD	190		90		100			
3315 IRON, STEEL SHAPES, EXC SHEET	446		86		180			
3316 IRON AND STEEL PLATES, SHEETS	8,444		8,171		150			
3411 FABRICATED METAL PRODUCTS	431		186		329			
3511 MACHINERY, EXCEPT ELECTRICAL	1,161		376		95	160	200	
3611 ELECTRICAL MACH AND EQUIP	11		11					
4011 IRON AND STEEL SCRAP	300				300			
4118 WATERWAY IMPROVEMENT MAT	50				50			
TOTAL TON-MILES	151,184,626							

INTRACOASTAL WATERWAY, JACKSONVILLE TO MIAMI, FLA.

SECTION INCLUDED: ST. JOHNS RIVER TO MIAMI, FLA., 349 MILES, CONTROLLING DEPTH: 12 FEET, ST. JOHNS RIVER TO FT. PIERCE AND 10 FEET FROM FT. PIERCE TO MIAMI EXCEPT FOR WIDELY SEPARATED SPOT SHOALS IN OUTSIDE QUARTERS, PROJECT DEPTH: 12 FEET, JACKSONVILLE TO FT. PIERCE THENCE 10 FEET TO MIAMI, 370 MILES, INCLUDING 21 MILES OF JACKSONVILLE HARBOR, FLA., PROJECT.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	EXCURSION PASSENGERS	YEAR	TONS	EXCURSION PASSENGERS
1971	869,289	388,576	1976	1,393,370	518,841
1972	937,892	427,893	1977	1,269,218	519,950
1973	1,102,475	207,741	1978	1,187,362	532,141
1974	1,305,934	213,699	1979	1,475,854	592,242
1975	1,228,098	612,508	1980	1,214,079	530,792

FREIGHT TRAFFIC, 1980

OCEANGOING

(SHORT TONS)

COMMODITY	TOTAL	DOMESTIC COASTWISE			
		RECEIPTS	SHIPMENTS	THROUGH	
				NORTHBOUND	SOUTHBOUND
TOTAL	33,669	15	134	24,934	9,486
1091 NONFERROUS ORES, CONCENT, NEC	4,983			4,983	
2810 SODIUM HYDROXIDE	3,784			3,784	
2813 ALCOHOLS	9,794			9,794	
2871 NITROGENOUS CHEM FERTILIZERS	5,571				5,571
2914 DISTILLATE FUEL OIL	972			912	60
2921 LIQUEFIED GASES	1,747				1,747
3315 IRON, STEEL SHAPES, EXC SHEET	1,007				1,007
3316 IRON AND STEEL PLATES, SHEETS	70				70
3411 FABRICATED METAL PRODUCTS	593	19		498	120
3511 MACHINERY, EXCEPT ELECTRICAL	2,865			2,865	
3731 SHIPS AND BOATS	2,083		134	1,038	911
3791 MISC TRANSPORTATION EQUIPMENT	200			200	
TON-MILES, OCEANGOING	8,124,838				

INTERNAL

(SHORT TONS)

COMMODITY	TOTAL	INBOUND	OUTBOUND	NORTHBOUND	SOUTHBOUND	THROUGH	
						NORTHBOUND	SOUTHBOUND
TOTAL	1,180,406	1,104,643	3,194	1,841	1,452	49,896	19,880
0911 FRESH FISH, EXCEPT SHELLFISH	2,210	1,297	23	890			
0912 SHELLFISH, EXCEPT PREPARED	920	81	208	651			
1442 SAND, GRAVEL, CRUSHED ROCK	200		200				
2061 SUGAR	10,800					10,800	
2095 ICE	1,493	15	1,116		822		

## JACKSONVILLE, FLA., DISTRICT

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INTRACOASTAL WATERWAY, JACKSONVILLE TO MIAMI, FLA.--CONTINUED

FREIGHT TRAFFIC, 1970--CONTINUED

INTERNAL--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	INBOUND	OUTBOUND	NORTHBOUND	SOUTHBOUND	THROUGH	
						NORTHBOUND	SOUTHBOUND
2414 TIMBER, POSTS, POLES, PILING-----	332	32					300
2911 GASOLINE-----	15,815					15,815	
2914 DISTILLATE FUEL OIL-----	2,583					1,106	1,477
2915 RESIDUAL FUEL OIL-----	1,110,763	1,101,293				11,804	1,564
2917 NAPHTHA, PETROLEUM SOLVENTS-----	1,391					1,391	
3241 BUILDING CEMENT-----	750						750
3291 MISC NONMETALLIC MINERAL PROD-----	11,116	655	200		630		9,631
3315 IRON, STEEL SHAPES, EXC SHEET-----	832	382				150	300
3316 IRON AND STEEL PLATES, SHEETS-----	325		325				
3411 FABRICATED METAL PRODUCTS-----	150					30	120
3511 MACHINERY, EXCEPT ELECTRICAL-----	6,030	846	1,105			2,483	1,596
3611 ELECTRICAL MACH AND EQUIP-----	2,880	18				2,856	735
3731 SHIPS AND BOATS-----	5,436	50	17			4,462	907
4012 NONFERROUS METAL SCRAP-----	150						150
4118 WATERWAY IMPROVEMENT MAT-----	50						50
TON-MILES, INTERNAL, 21,224,791.							
TONS, ALL TRAFFIC, 1,214,075.							
TON-MILES, ALL TRAFFIC, 29,349,629.							

CANAVERAL HARBOR, FLA.

SECTION INCLUDED: ENTRANCE CHANNEL FROM 37-FOOT DEPTH IN THE ATLANTIC OCEAN TO THE BARRIER BEACH 2 1/2 MILES, 36 FEET TO IRREGULAR-SHAPED TURNING BASIN 35 FEET DEEP, THENCE A BARGE CANAL 12 FEET DEEP THROUGH A LOCK IN THE PERIMETER DIKE TO THE INTRACOASTAL WATERWAY, A TOTAL OF 11.5 MILES. CONTROLLING DEPTHS ARE THE SAME AS THE FOREGOING PROJECT DEPTHS EXCEPT FOR ISOLATED SHOALING.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971-----	1,998,860	1976-----	3,078,775
1972-----	1,839,329	1977-----	2,807,463
1973-----	2,362,974	1978-----	3,434,024
1974-----	3,241,780	1979-----	3,473,243
1975-----	2,937,221	1980-----	2,706,932

\* PASSENGERS--23,738.

## FREIGHT TRAFFIC, 1980

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			
		IMPORTS	EXPORTS	COASTWISE		INTERNAL	
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS
TOTAL-----	2,706,932	915,916	94,868	589,523	3,500	1,364	1,101,761
2131 FRESH FRUITS AND TREE NUTS-----	25,571		25,571				
2141 FRESH AND FROZEN VEGETABLES-----	401		401				
2911 FRESH FISH, EXCEPT SHELLFISH-----	1,308	122	848			338	
2912 SHELLFISH, EXCEPT PREPARED-----	705					705	
1491 SALT-----	26,726	26,726					
2011 MEAT, FRESH, CHILLED, FROZEN-----	1,128	110	1,018				
2012 MEAT AND PRODUCTS, NEC-----	175		175				
2030 PREP FRUIT AND VEG JUICE, NEC-----	30,368	30,368					
2099 ICE-----	3,200						3,200
2631 PAPER AND PAPERBOARD-----	60,768	60,768					
2841 SOAP-----	130	130					
2911 GASOLINE-----	1,211						1,211
2914 DISTILLATE FUEL OIL-----	83,626			83,626			
2915 RESIDUAL FUEL OIL-----	1,993,092	490,913		406,920			1,095,659
2917 NAPHTHA, PETROLEUM SOLVENTS-----	1,391						1,391
2918 ASPHALT, TAR, AND PITCHES-----	35,121	10,371		24,750			
3241 BUILDING CEMENT-----	488,768	334,141		74,627			
3291 MISC NONMETALLIC MINERAL PROD-----	27	27					
3411 FABRICATED METAL PRODUCTS-----	2,240	2,240				20	
3511 MACHINERY, EXCEPT ELECTRICAL-----	501					201	300
3731 SHIPS AND BOATS-----	100					100	
4011 IRON AND STEEL SCRAP-----	70,355		68,855		3,500		
TOTAL TON-MILES, 4,312,382.							

## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

## FORT PIERCE HARBOR, FLA.

SECTION INCLUDED: ATLANTIC OCEAN TO AND INCLUDING TURNING BASIN AT FORT PIERCE, 3.5 MILES; INTRACOASTAL WATERWAY ALONG FORT PIERCE WATERFRONT BETWEEN THE NORTH BRIDGE AT FORT PIERCE AND GEORGIA AVENUE EXTENDED, 2.5 MILES. CONTROLLING DEPTH: 27 FEET IN BAR CUT; 25 FEET IN LAND CUT AND IN MIDDLE HALF OF CHANNEL ACROSS INDIAN RIVER, 32 FEET IN SECTION OF INTRACOASTAL WATERWAY THROUGH HARBOR, 25 FEET IN TURNING BASIN, EXCEPT ABOUT 19 FEET IN LEFT QUARTER OF BASIN. PROJECT DEPTH: 27 FEET ON BAR AND THENCE 25 FEET THROUGH INLET TO AND INCLUDING TURNING BASIN.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971-----	237,923	1976-----	259,544
1972-----	197,851	1977-----	188,727
1973-----	330,451	1978-----	260,043
1974-----	348,302	1979-----	313,527
1975-----	245,900	1980-----	280,953

## FREIGHT TRAFFIC, 1980

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC	
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS
TOTAL-----	280,953	180,641	99,182	1,025	105
0129 FIELD CROPS, NEC-----	1		1		
0131 FRESH FRUITS AND TREE NUTS-----	57,925		57,925		
0141 FRESH AND FROZEN VEGETABLES-----	7,445	7,445			
0191 MISCELLANEOUS FARM PRODUCTS-----	6		6		
0911 FRESH FISH, EXCEPT SHELLFISH-----	525			525	
1442 SAND, GRAVEL, CRUSHED ROCK-----	38,636		38,636		
1451 CLAY-----	172,696	172,696			
2022 DRIED MILK AND CREAM-----	28		28		
2034 VEGETABLES AND PREP, NEC-----	32		32		
2049 GRAIN MILL PRODUCTS, NEC-----	33		33		
2051 SUGAR-----	20		20		
2081 ALCOHOLIC BEVERAGES-----	64		64		
2091 VEGETABLE OILS, MARG, SHORT-----	4				
2095 ICE-----	105				105
2211 BASIC TEXTILE PRODUCTS-----	3		3		
2421 LUMBER-----	28		28		
2491 WOOD MANUFACTURES, NEC-----	15		15		
2691 PULP AND PAPER PRODUCTS, NEC-----	28		28		
2819 BASIC CHEMICALS AND PROD, NEC-----	2		2		
2873 PHOSPHATIC CHEM FERTILIZERS-----	1,589		1,589		
2876 INSECTICIDES, DISINFECTANTS-----	41		41		
2879 FERTILIZER AND MATERIALS, NEC-----	365		365		
2891 MISCELLANEOUS CHEMICAL PROD-----	1		1		
2911 GASOLINE-----	6		6		
3011 RUBBER AND MISC PLASTIC PROD-----	5		5		
3111 LEATHER AND LEATHER PRODUCTS-----	2		2		
3319 IRON AND STEEL PRODUCTS, NEC-----	10		10		
3321 NONFERROUS METALS, NEC-----	2		2		
3411 FABRICATED METAL PRODUCTS-----	18		18		
3511 MACHINERY, EXCEPT ELECTRICAL-----	292		292		
3611 ELECTRICAL MACH AND EQUIP-----	519		19	500	
3711 MOTOR VEHICLES, PARTS, EQUIP-----	10		10		
3731 SHIPS AND BOATS-----	3		3		
3791 MISC TRANSPORTATION EQUIPMENT-----	26		26		
3811 INSTR, TIME, PHOTO, OPT GOODS-----	1		1		
4011 IRON AND STEEL SCRAP-----	500	500			
4112 COMMODITIES, NEC-----	7		7		
TOTAL TON-MILES-----	1,120,204				

## PALM BEACH HARBOR, FLA.

SECTION INCLUDED: ATLANTIC OCEAN TO PORT OF PALM BEACH TERMINALS, 1.5 MILES; LAKE NORTH FROM RIVIERA BRIDGE TO SOUTHERN BOULEVARD BRIDGE AT WEST PALM BEACH, 7.5 MILES; AND "PALM BEACH, FLA.; SIDE CHANNEL AND BASIN." CONTROLLING DEPTH: 35 FEET, OCEAN TO TURNING BASIN AT PORT OF PALM BEACH TERMINALS, AND 33 FEET IN TURNING BASIN; 32 FEET IN CHANNEL THROUGH LAKE NORTH; AND 3.5 FEET IN PALM BEACH SIDE CHANNEL AND BASIN. PROJECT DEPTH: 35 FEET PLUS OVERDEPTH IN ENTRANCE CHANNEL FROM OCEAN MERGING WITH AN INNER CHANNEL 33 FEET DEEP TO AND INCLUDING TURNING BASIN AT PORT OF PALM BEACH TERMINALS.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1971-----	954,921		1976-----	1,026,085	4,194
1972-----	1,114,865	20,602	1977-----	681,978	779
1973-----	1,283,658	9,800	1978-----	734,022	1,366
1974-----	1,097,230	1,590	1979-----	1,094,760	
1975-----	1,022,628	15,100	1980-----	1,024,561	434

## JACKSONVILLE, FLA., DISTRICT

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PALM BEACH HARBOR, FLA.--CONTINUED

FREIGHT TRAFFIC, 1980

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			
		IMPORTS	EXPORTS	COASTWISE		INTERNAL	
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS
TOTAL	1,624,561	556,747	434,388	105,492	495,259	21,050	11,025
0101 COTTON, RAW	76		76				
0103 CORN	85		85				
0104 OATS	70		70				
0109 RICE	7,163		7,163				
0119 OILSEEDS, NEC	588		588				
0121 TOBACCO, LEAF	2,168	2,078	88				
0129 FIELD CROPS, NEC	10		10				
0131 FRESH FRUITS AND TREE NUTS	3,760		3,760				
0132 BANANAS AND PLANTAINS	24		24				
0133 COFFEE	447	339	108				
0141 FRESH AND FROZEN VEGETABLES	5,197	602	4,595				
0141 LIVE ANIMALS	1		1				
0161 ANIMALS AND PRODUCTS, NEC	285	34	251				
0191 MISCELLANEOUS FARM PRODUCTS	425		425				
0861 FOREST PRODUCTS, NEC	111	61	50				
0911 FRESH FISH, EXCEPT SHELLFISH	768	89	140			539	
0912 SHELLFISH, EXCEPT PREPARED	929	517	407			5	
1311 CRUDE PETROLEUM	31		31				
1411 LIMESTONE	7,185	7,090	95				
1412 BUILDING STONE, UNWORKED	496		496				
1442 SAND, GRAVEL, CRUSHED ROCK	2,212		2,212				
1451 CLAY	765		765				
1491 SALT	730		730				
1499 NONMETALLIC MINERALS, NEC	447		447				
2011 MEAT, FRESH, CHILLED, FROZEN	8,288	29	8,259				
2012 MEAT AND PRODUCTS, NEC	3,053	20	3,033				
2014 TALLOW, ANIMAL FATS AND OILS	181		181				
2015 ANIMAL BY-PRODUCTS, NEC	83		83				
2021 DAIRY PRODUCTS, NEC	1,926		1,926				
2022 DRIED MILK AND CREAM	5,912	23	5,889				
2031 FISH AND SHELLFISH, PREPARED	758	153	605				
2034 VEGETABLES AND PREP, NEC	4,755		4,755				
2039 PREP FRUIT AND VEG JUICE, NEC	5,337	31	5,306				
2041 WHEAT FLOUR AND SEMOLINA	8,677		8,677				
2042 PREPARED ANIMAL FEEDS	36,536		36,536				
2049 GRAIN MILL PRODUCTS, NEC	5,703	2	5,701				
2061 SUGAR	544,928		47,967		486,159		10,800
2062 MOLASSES	102,352		93,252		9,100		
2081 ALCOHOLIC BEVERAGES	20,306	14	20,294				
2091 VEGETABLE OILS, MARG, SHORT	4,381	20	4,281				
2092 ANIMAL OILS AND FATS, NEC	8		8				
2095 ICE	225						225
2099 MISCELLANEOUS FOOD PRODUCTS	15,588	99	15,489				
2111 TOBACCO MANUFACTURES	374		374				
2211 BASIC TEXTILE PRODUCTS	2,182	19	2,163				
2311 APPAREL	1,019	320	699				
2411 LOGS	63		63				
2413 FUEL WOOD, CHARCOAL, WASTES	66		66				
2414 TIMBER, POSTS, POLES, PILING	113		113				
2421 LUMBER	10,893	10	10,893				
2431 VENEER, PLYWOOD, WORKED WOOD	3,070		3,070				
2491 WOOD MANUFACTURES, NEC	1,518		1,518				
2511 FURNITURE AND FIXTURES	2,111	44	2,067				
2631 PAPER AND PAPERBOARD	1,690		1,690				
2691 PULP AND PAPER PRODUCTS, NEC	6,077	43	6,034				
2711 PRINTED MATTER	487	1	486				
2812 DYES, PIGMENT, TANNING MATS	3		3				
2813 ALCOHOLS	45		45				
2814 RADIOACTIVE MATERIALS, WASTES	3		3				
2819 BASIC CHEMICALS AND PROD, NEC	7,635	99	7,536				
2821 PLASTIC MATERIALS	1,241		1,241				
2822 SYNTHETIC RUBBER	3		3				
2823 SYNTHETIC (MAN-MADE) FIBERS	1		1				
2831 DRUGS	1,015		1,015				
2841 SOAP	5,987	264	5,723				
2851 PAINTS	1,038		1,038				
2871 NITROGENOUS CHEM FERTILIZERS	124	33	91				
2872 POTASSIC CHEM FERTILIZERS	20		20				
2873 PHOSPHATIC CHEM FERTILIZERS	227		227				
2876 INSECTICIDES, DISINFECTANTS	513	88	425				
2879 FERTILIZER AND MATERIALS, NEC	2,567		2,567				
2891 MISCELLANEOUS CHEMICAL PROD	10,844	6,942	3,902				
2911 GASOLINE	273		273				
2914 DISTILLATE FUEL OIL	1,106					1,106	
2919 RESIDUAL FUEL OIL	584,321	378,849		185,492		19,980	
2916 LUBRICATING OILS AND GREASES	2,498		2,498				
2918 ASPHALT, TAR, AND PITCHES	69		69				
2921 LIQUEFIED GASES	1,631		1,631				
2951 ASPHALT BUILDING MATERIALS	2,133		2,133				
2991 PETROLEUM AND COAL PROD, NEC	9		9				
3011 RUBBER AND MISC PLASTIC PROD	3,372	6	3,366				
3111 LEATHER AND LEATHER PRODUCTS	231	1	230				
3211 GLASS AND GLASS PRODUCTS	4,081		4,081				
3241 BUILDING CEMENT	150,127	149,008	1,119				
3251 STRUCTURAL CLAY PRODUCTS	3,408		3,408				
3271 LIME	295		295				
3281 CUT STONE AND STONE PRODUCTS	271	15	256				
3291 MISC NONMETALLIC MINERAL PROD	4,329		4,329				
3314 IRON AND STEEL PRIMARY FORMS	1,971		1,971				
3319 IRON, STEEL SHAPES, EXC SHEET	4,163	124	3,989				
3316 IRON AND STEEL PLATES, SHEETS	1,352		1,352				
3317 IRON AND STEEL PIPE AND TUBE	11,864	8,044	3,820				



## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

PALM BEACH HARBOR, FLA.--CONTINUED

FREIGHT TRAFFIC, 1980--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			
		IMPORTS	EXPORTS	COASTWISE		INTERNAL	
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS
3318 FERRITALLOYS-----	41	-----	41	-----	-----	-----	-----
3319 IRON AND STEEL PRODUCTS, NEC-----	96	-----	96	-----	-----	-----	-----
3321 NONFERROUS METALS, NEC-----	146	-----	146	-----	-----	-----	-----
3322 COPPER ALLOYS, UNWORKED-----	110	-----	110	-----	-----	-----	-----
3324 ALUMINUM AND ALLOYS, UNWORKED-----	460	1	459	-----	-----	-----	-----
3411 FABRICATED METAL PRODUCTS-----	15,124	6	15,118	-----	-----	-----	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	28,244	474	27,750	-----	-----	20	-----
3611 ELECTRICAL MACH AND EQUIP-----	4,317	86	4,229	-----	-----	-----	-----
3711 MOTOR VEHICLES, PARTS, EQUIP-----	7,583	72	7,511	-----	-----	-----	-----
3721 AIRCRAFT AND PARTS-----	3	1	2	-----	-----	-----	-----
3731 SHIPS AND BOATS-----	322	6	316	-----	-----	-----	-----
3791 MISC TRANSPORTATION EQUIPMENT-----	1,211	-----	1,211	-----	-----	-----	-----
3811 INSTR, TIME, PHOTO, OPT GOODS-----	1,085	25	1,060	-----	-----	-----	-----
3911 MISC MANUFACTURED PRODUCTS-----	1,206	246	960	-----	-----	-----	-----
4011 IRON AND STEEL SCRAP-----	548	509	39	-----	-----	-----	-----
4012 NONFERROUS METAL SCRAP-----	229	86	143	-----	-----	-----	-----
4022 TEXTILE WASTE, SCRAP, SWEEP-----	30	-----	30	-----	-----	-----	-----
4424 PAPER WASTE AND SCRAP-----	37	-----	37	-----	-----	-----	-----
4112 COMMODITIES, NEC-----	2,392	122	2,270	-----	-----	-----	-----
9909 DEPARTMENT OF DEFENSE AND SCI-----	116	-----	116	-----	-----	-----	-----
TOTAL TON-MILES-----	3,709,960	-----	-----	-----	-----	-----	-----

## PORT EVERGLADES HARBOR, FLA.

SECTION INCLUDES: ATLANTIC OCEAN TO TERMINALS AT PORT EVERGLADES, 1.6 MILES; SECTION OF INTRACOASTAL WATERWAY, LOS OLAS BOULEVARD BRIDGE, FORT LAUDERDALE, FLA., TO WASHINGTON STREET, HOLLYWOOD, FLA., 8.7 MILES; DANIA CUT-OFF CANAL, 6 MILES; AND NEW RIVER, FLA., PROJECT, 9.0 MILES. CONTROLLING DEPTH: 40 FEET IN ENTRANCE CHANNEL; 37 FEET THROUGH TURNING BASIN TO MAIN SLIP AT PORT EVERGLADES; 10 FEET IN INTRACOASTAL WATERWAY SECTION; 8 FEET IN NEW RIVER IN 1956, AND 6.5 IN DANIA CUT-OFF CANAL; PROJECT DEPTH: 40 FEET, ATLANTIC OCEAN TO STATION 41 CONVERGING TO 37 FEET AT STATION 51, THENCE 37 FEET TO AND INCLUDING TURNING BASIN AT PORT EVERGLADES TERMINALS, AND 6 FEET IN NEW RIVER.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1971-----	10,065,815	970,682	1976-----	12,020,700	1,020,101
1972-----	11,192,682	957,325	1977-----	11,828,434	1,029,595
1973-----	12,946,730	356,930	1978-----	11,963,825	1,268,749
1974-----	11,556,518	323,310	1979-----	13,030,616	1,000,000
1975-----	10,522,141	1,345,668	1980-----	13,287,691	988,000

## FREIGHT TRAFFIC, 1980

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			
		IMPORTS	EXPORTS	COASTWISE		INTERNAL	
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS
TOTAL-----	13,287,691	1,808,059	241,112	10,300,652	902,412	17	35,439
0101 COTTON, RAW-----	126	-----	126	-----	-----	-----	-----
0103 CORN-----	25	-----	25	-----	-----	-----	-----
0104 OATS-----	15	-----	15	-----	-----	-----	-----
0105 RICE-----	112	-----	112	-----	-----	-----	-----
0119 OILSEEDS, NEC-----	15	-----	15	-----	-----	-----	-----
0121 TOBACCO, LEAF-----	15,437	15,325	112	-----	-----	-----	-----
0129 FIELD CROPS, NEC-----	11	-----	11	-----	-----	-----	-----
0131 FRESH FRUITS AND TREE NUTS-----	26,399	288	26,071	-----	-----	-----	-----
0133 COFFEE-----	855	835	20	-----	-----	-----	-----
0141 FRESH AND FROZEN VEGETABLES-----	466	147	319	-----	-----	-----	-----
0161 ANIMALS AND PRODUCTS, NEC-----	137	120	17	-----	-----	-----	-----
0191 MISCELLANEOUS FARM PRODUCTS-----	103	36	147	-----	-----	-----	-----
0841 CRUDE RUBBER AND ALLIED GUMS-----	45	45	-----	-----	-----	-----	-----
0861 FOREST PRODUCTS, NEC-----	139	120	11	-----	-----	-----	-----
0911 FRESH FISH, EXCEPT SHELLFISH-----	161	48	113	-----	-----	-----	-----
0912 SHELLFISH, EXCEPT PREPARED-----	767	537	230	-----	-----	-----	-----
1091 ALUMINUM DRES, CONCENTRATES-----	2	-----	2	-----	-----	-----	-----
1091 NONFERROUS DRES, CONCENT, NEC-----	189	-----	189	-----	-----	-----	-----
1311 CRUDE PETROLEUM-----	601,875	-----	54,153	547,722	-----	-----	-----
1411 LIMESTONE-----	73,111	72,902	209	-----	-----	-----	-----
1412 BUILDING STONE, UNWORKED-----	4,650	-----	4,650	-----	-----	-----	-----
1422 SAND, GRAVEL, CRUSHED ROCK-----	1,706	-----	1,706	-----	-----	-----	-----
1451 CLAY-----	196	3	193	-----	-----	-----	-----
1491 SALT-----	418	-----	418	-----	-----	-----	-----
1499 NONMETALLIC MINERALS, NEC-----	67	-----	67	-----	-----	-----	-----
1911 ORNANCE AND ACCESSORIES-----	30	30	-----	-----	-----	-----	-----
2011 MEAT, FRESH, CHILLED, FROZEN-----	2,658	1,494	1,164	-----	-----	-----	-----
2012 MEAT AND PRODUCTS, NEC-----	1,740	1,361	379	-----	-----	-----	-----
2014 TALLOW, ANIMAL FATS AND OILS-----	3	-----	3	-----	-----	-----	-----
2021 DAIRY PRODUCTS, NEC-----	3,348	2,799	549	-----	-----	-----	-----
2022 DRIED MILK AND CREAM-----	3,312	3,070	234	-----	-----	-----	-----
2031 FISH AND SHELLFISH, PREPARED-----	867	781	86	-----	-----	-----	-----
2034 VEGETABLES AND PREP, NEC-----	2,650	2,053	597	-----	-----	-----	-----
2039 PREP FRUIT AND VEG JUICE, NEC-----	12,382	919	11,463	-----	-----	-----	-----
2041 WHEAT FLOUR AND SEMOLINA-----	172	-----	172	-----	-----	-----	-----
2042 PREPARED ANIMAL FEEDS-----	4,328	1,390	2,930	-----	-----	-----	-----

## JACKSONVILLE, FLA., DISTRICT

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PORT EVERGLADES HARBOR, FLA.--CONTINUED

FREIGHT TRAFFIC, 1988--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			
		IMPORTS	EXPORTS	COASTWISE		INTERNAL	
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS
2040 GRAIN MILL PRODUCTS, NEC	1,214	762	452				
2061 SUGAR	4,859	4,794	65				
2081 ALCOHOLIC BEVERAGES	59,614	57,968	1,646				
2091 VEGETABLE OILS, MARG, SHORT	1,028	350	678				
2092 ANIMAL OILS AND FATS, NEC	34	33	1				
2099 MISCELLANEOUS FOOD PRODUCTS	6,372	2,698	3,714				
2111 TOBACCO MANUFACTURES	246	216	30				
2211 BASIC TEXTILE PRODUCTS	1,721	431	1,290				
2311 APPAREL	3,091	1,058	2,033				
2411 LOGS	83		83				
2413 FUEL WOOD, CHARCOAL, WASTES	84		84				
2414 TIMBER, POSTS, POLES, PILING	325		325				
2416 WOOD CHIPS, STAVES, HOLDINGS	83		83				
2421 LUMBER	65,920	60,692	5,228				
2431 VENEER, PLYWOOD, WORKED WOOD	1,677	492	1,225				
2491 WOOD MANUFACTURES, NEC	1,437	192	1,245				
2511 FURNITURE AND FIXTURES	3,362	2,122	1,240				
2631 PAPER AND PAPERBOARD	49,917	48,543	1,374				
2691 PULP AND PAPER PRODUCTS, NEC	2,380	804	1,584				
2711 PRINTED MATTER	262	122	140				
2811 CRUDE TAR, OIL, GAS PRODUCTS	34	24	10				
2819 BASIC CHEMICALS AND PROD, NEC	7,629	712	6,917				
2821 PLASTIC MATERIALS	1,457	274	1,183				
2822 SYNTHETIC RUBBER	49		49				
2823 SYNTHETIC (MAN-MADE) FIBERS	74		74				
2831 DRUGS	1,187	561	626				
2841 SOAP	1,342	529	813				
2851 PAINTS	1,362	492	870				
2861 GUM AND WOOD CHEMICALS	26		26				
2871 NITROGENOUS CHEM FERTILIZERS	50		50				
2872 POTASSIC CHEM FERTILIZERS	11		11				
2876 INSECTICIDES, DISINFECTANTS	224	48	176				
2879 FERTILIZER AND MATERIALS, NEC	870	20	550				
2891 MISCELLANEOUS CHEMICAL PROD	2,952	317	1,745				
2911 GASOLINE	5,427,771	98,485	1,142	5,257,991	59,749		14,404
2912 JET FUEL	2,068,334			2,061,430	6,904		
2913 KEROSENE	24,486		71	24,415			
2914 DISTILLATE FUEL OIL	1,180,126		252	1,161,921	15,770		2,583
2915 RESIDUAL FUEL OIL	2,097,370	663,845		1,138,886	276,267		18,372
2916 LUBRICATING OILS AND GREASES	1,585	77	1,508				
2917 NAPHTHA, PETROLEUM SOLVENTS	11,449			11,449			
2918 ASPHALT, TAR, AND BITUMENS	265,433	190,668	239	74,526			
2920 COKE, PETROLEUM COKE	15		15				
2921 LIQUEFIED GASES	73,416	214	18	73,164			
2991 ASPHALT BUILDING MATERIALS	1,647		1,647				
2991 PETROLEUM AND COAL PROD, NEC	392,271		2	392,269			
3011 RUBBER AND MISC PLASTIC PROD	3,256	1,278	1,978				
3111 LEATHER AND LEATHER PRODUCTS	709	691	98				
3211 GLASS AND GLASS PRODUCTS	3,238	2,844	374				
3241 BUILDING CEMENT	489,025	436,841	1,556	50,628			
3251 STRUCTURAL CLAY PRODUCTS	8,012	5,045	2,967				
3271 LIME	95		95				
3291 CUT STONE AND STONE PRODUCTS	2,346	2,249	77				
3291 MISC NONMETALLIC MINERAL PROD	7,976	581	7,395				
3314 IRON AND STEEL PRIMARY FORMS	349	348	1				
3315 IRON, STEEL SHAPES, EXC SHEET	68,089	65,303	2,786				
3316 IRON AND STEEL PLATES, SHEETS	3,282	2,850	432				
3317 IRON AND STEEL PIPE AND TUBE	7,660	6,898	802				
3319 IRON AND STEEL PRODUCTS, NEC	3,289	2,090	1,199				
3321 NONFERROUS METALS, NEC	157	70	87				
3322 COPPER ALLOYS, UNWORKED	245	164	81				
3323 LEAD AND ZINC, UNWORKED	1		1				
3324 ALUMINUM AND ALLOYS, UNWORKED	550	209	321				
3411 FABRICATED METAL PRODUCTS	25,779	17,489	8,290				
3511 MACHINERY, EXCEPT ELECTRICAL	11,224	7,106	3,948				
3611 ELECTRICAL MACH AND EQUIP	3,543	1,226	2,317				
3711 MOTOR VEHICLES, PARTS, EQUIP	5,383	761	4,602				
3721 AIRCRAFT AND PARTS	56	5	93				
3731 SHIPS AND BOATS	753	372	364				
3791 MISC TRANSPORTATION EQUIPMENT	351	14	337				
3811 INSTR, TIME, PHOTO, OPT GOODS	485	84	321				
3911 MISC MANUFACTURED PRODUCTS	4,794	4,613	181				
4011 IRON AND STEEL SCRAP	84,569	368	84,201				
4012 NONFERROUS METAL SCRAP	18,950	51	18,899				
4022 TEXTILE WASTE, SCRAP, SWEEP	365	1	364				
4024 PAPER WASTE AND SCRAP	3,587		3,587				
4112 COMMODITIES, NEC	6,939	6,748	191				
9999 DEPARTMENT OF DEFENSE AND SCI	138		138				
TOTAL TON-MILES	26,338,527						

## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

## MIAMI HARBOR, FLA.,

SECTION INCLUDED: ATLANTIC OCEAN TO INNER END OF TURNING BASIN AT MIAMI, 6 MILES; MELOY CHANNEL AND THENCE NATURAL CHANNELS ALONG THE EASTERLY SIDE OF BISCAYNE BAY TO BAKERS MAULOVER INLET, FLA., ABOUT 11 MILES; CHANNEL FROM TURNING BASIN TO MOUTH OF MIAMI RIVER, 1.1 MILES; EXISTING FLORIDA EAST COAST RAILWAY CHANNEL, FISHERMANS CHANNEL FROM MOUTH OF MIAMI RIVER TO GOVERNMENT CUT, 3 MILES; AND THE CHANNELS REPORTED UNDER "MIAMI RIVER, FLA." CONTROLLING DEPTHS: 30 FEET IN MIDDLE HALF OF ENTRANCE CHANNEL AND TURNING BASIN; ABOUT 19 FEET IN MELOY CHANNEL AND THENCE 6.5 FEET IN NATURAL CHANNELS ALONG EASTERLY SIDE OF BISCAYNE BAY TO BAKERS MAULOVER INLET; ABOUT 12 FEET IN CHANNEL FROM TURNING BASIN TO MOUTH OF MIAMI RIVER; AND 6.5 FEET IN FLORIDA EAST COAST RAILWAY CHANNEL; AND THE DEPTHS REPORTED UNDER "MIAMI RIVER, FLA." PROJECT DEPTH: 30 FEET IN ENTRANCE CHANNEL, OCEAN TO AND INCLUDING TURNING BASIN AT MIAMI; 15 FEET IN CHANNEL FROM TURNING BASIN TO MOUTH OF MIAMI RIVER; THE CHANNELS REPORTED UNDER "MIAMI RIVER, FLA." AND 8 FEET IN FLORIDA EAST COAST RAILWAY CHANNEL.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1971	2,643,596	695,149	1976	3,788,755	1,641,111
1972	4,483,676	710,172	1977	3,904,543	1,553,982
1973	5,569,009	799,880	1978	3,667,050	1,368,500
1974	4,141,407	569,811	1979	3,576,771	818,440
1975	3,585,001	1,720,806	1980	3,929,398	817,446

## FREIGHT TRAFFIC, 1980

## (SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	INTERNAL				
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL	3,929,398	893,682	1,604,874	765,555	693,993	4,275	3,171	3,848
0101 COTTON, RAW	372		372					
0103 CORN	5,166		5,166					
0104 OATS	112		112					
0105 RICE	4,520		4,520					
0107 WHEAT	18,423		18,423					
0111 SOYBEANS	54		54					
0119 OILSEEDS, NEC	5,623	4,225	1,398					
0121 TOBACCO, LEAF	17,985	14,745	3,240					
0129 FIELD CROPS, NEC	363	77	198	88				
0131 FRESH FRUITS AND TREE NUTS	121,012	87,073	33,496	443				
0132 BANANAS AND PLANTAINS	64		64					
0133 COFFEE	35,140	35,049	91					
0134 COCOA BEANS	704	704						
0141 FRESH AND FROZEN VEGETABLES	49,443	19,303	21,664	253	8,825			
0191 LIVE ANIMALS	143		143					
0161 ANIMALS AND PRODUCTS, NEC	4,098	1,090	3,008					
0191 MISCELLANEOUS FARM PRODUCTS	4,072	2,439	1,582	271				
0841 CRUDE RUBBER AND ALLIED GUMS	3,541	17	3,544					
0861 FOREST PRODUCTS, NEC	2,559	2,059	500					
0911 FRESH FISH, EXCEPT SHELLFISH	12,595	4,917	6,189	391	1,391	107		
0912 SHELLFISH, EXCEPT PREPARED	20,627	16,430	1,469	108		228		
1011 IRON ORE AND CONCENTRATES	168		168					
1091 ALUMINUM ORES, CONCENTRATES	218		218					
1061 MANGANESE ORES, CONCENTRATES	833		833					
1091 NONFERROUS ORES, CONCENT, NEC	83	28	95					
1121 COAL AND LIGNITE	461		461					
1311 CRUDE PETROLEUM	98,594		3	98,591				
1411 LIMESTONE	6,592	546	6,046					
1412 BUILDING STONE, UNWORKED	296		296					
1442 SAND, GRAVEL, CRUSHED ROCK	4,993	36	4,957		373			9
1451 CLAY	39,322	29,862	9,460					
1471 PHOSPHATE ROCK	179		179					
1491 SALT	1,079		1,079					
1492 SULPHUR, DRY	123		123					
1494 GYPSUM, CRUDE AND PLASTERS	693		590	343				
1499 NONMETALLIC MINERALS, NEC	6,634	1	6,519		114			
1911 ORDNANCE AND ACCESSORIES	834	560	274					
2011 MEAT, FRESH, CHILLED, FROZEN	122,144	64,637	56,730	396	381			
2012 MEAT AND PRODUCTS, NEC	8,225	474	1,326		6,425			
2014 TALLOW, ANIMAL FATS AND OILS	29,682		29,415		267			
2015 ANIMAL BY-PRODUCTS, NEC	9,591	985	9,077		9			
2021 DAIRY PRODUCTS, NEC	1,990	1	1,918		71			
2022 DRIED MILK AND CREAM	6,271		6,227		44			
2031 FISH AND SHELLFISH, PREPARED	5,030	1,998	1,083	1,971	18			
2034 VEGETABLES AND PREP, NEC	25,692	2,519	23,046		107			
2039 PREP FRUIT AND VEG JUICE, NEC	56,017	14,762	35,501	762	2,992			
2041 WHEAT FLOUR AND SEMOLINA	2,510		2,420		64			
2042 PREPARED ANIMAL FEEDS	25,521	2	25,037	169	313			
2049 GRAIN MILL PRODUCTS, NEC	10,492	462	10,030					
2061 SUGAR	6,528	381	6,147					
2062 MOLASSES	13,098		11,799		1,299			
2081 ALCOHOLIC BEVERAGES	49,164	22,779	25,685	596	184			
2091 VEGETABLE OILS, HARD, SHORT	26,344	887	25,316		141			
2092 ANIMAL OILS AND FATS, NEC	596		596					
2094 GROCERIES	1,794				1,994			
2099 ICE	314						314	
2099 MISCELLANEOUS FOOD PRODUCTS	93,468	3,732	38,182	3,533	8,093			
2111 TOBACCO MANUFACTURES	10,861	871	9,966	94				
2211 BASIC TEXTILE PRODUCTS	68,468	6,847	53,224	62	325			
2212 TEXTILE FIBERS, NEC	415		415					
2311 APPAREL	20,329	7,882	10,771	1,673	3			
2411 LOGS	3,004	323	2,681					
2413 FUEL WOOD, CHARCOAL, WASTES	494		483					
2414 TIMBER, POSTS, POLES, PILING	4,701	2,320	1,686	282	466			32
2416 WOOD CHIPS, STAVES, HOLDINGS	28		28					
2421 LUMBER	61,484	19,878	41,576		880			
2431 VENEER, PLYWOOD, WORKED WOOD	10,910	3,013	7,477		28			
2491 WOOD MANUFACTURES, NEC	81,271	8,287	11,889		95			
2511 FURNITURE AND FIXTURES	17,890	5,637	11,544	72	637			

## JACKSONVILLE, FLA., DISTRICT

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MIAMI HARBOR, FLA.--CONTINUED  
 FREIGHT TRAFFIC, 1980--CONTINUED  
 (SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
2611 PULP-----	2,073		2,073					
2621 STANDARD NEWSPRINT PAPER-----	824				824			
2631 PAPER AND PAPERBOARD-----	137,630	76,017	61,459	23	131			
2691 PULP AND PAPER PRODUCTS, NEC-----	37,917	316	34,794	165	2,642			
2711 PRINTED MATTER-----	15,543	637	14,680	195	11			
2811 CRUDE TAR, DIL., GAS PRODUCTS-----	29	1	28					
2812 DYES, PIGMENT, TANNING MATS-----	304		304					
2813 ALCOHOLS-----	135		135					
2816 RADIOACTIVE MATERIALS, WASTES-----	26	1	25					
2819 BASIC CHEMICALS AND PROD, NEC-----	45,751	515	44,055	44	1,137			
2821 PLASTIC MATERIALS-----	41,044	740	39,641	94	609			
2822 SYNTHETIC RUBBER-----	1,624		1,624					
2823 SYNTHETIC (MAN-MADE) FIBERS-----	21,091	670	20,421					
2831 DRUGS-----	3,775	8	3,574	154	37			
2841 SOAP-----	22,146	674	20,619	464	369			
2891 PAINTS-----	8,048	254	7,771		823			
2861 GUM AND WOOD CHEMICALS-----	1,083	130	914		39			
2871 NITROGENOUS CHEM FERTILIZERS-----	643		643					
2872 POTASSIC CHEM FERTILIZERS-----	561		561					
2873 PHOSPHATIC CHEM FERTILIZERS-----	4,104		4,104					
2876 INSECTICIDES, DISINFECTANTS-----	4,469	22	4,467					
2879 FERTILIZER AND MATERIALS, NEC-----	4,278	292	3,857		129			
2891 MISCELLANEOUS CHEMICAL PROD-----	20,753	793	19,619		381			
2911 GASOLINE-----	3,282		1,407	1,875				
2912 JET FUEL-----	7,110			7,110				
2913 KEROSENE-----	130		130					
2914 DISTILLATE FUEL OIL-----	81,501			78,874	912	1,477		
2915 RESIDUAL FUEL OIL-----	1,440,649	224,955	9	600,087	609,554	1,656	2,732	1,655
2916 LUBRICATING OILS AND GREASES-----	5,494	1	4,261		1,232			
2917 NAPHTHA, PETROLEUM SOLVENTS-----	42				42			
2918 ASPHALT, TAR, AND BITUMENS-----	1,446	99	923		464			
2920 COKE, PETROLEUM COKE-----	344	128	216					
2921 LIQUEFIED GASES-----	1,454		939		515			
2991 ASPHALT BUILDING MATERIALS-----	4,974		4,819	45	110			
2991 PETROLEUM AND COAL PROD, NEC-----	448		448					
3011 RUBBER AND MISC PLASTIC PROD-----	76,515	4,548	70,637	111	1,219			
3111 LEATHER AND LEATHER PRODUCTS-----	9,648	3,895	5,667	45	41			
3211 GLASS AND GLASS PRODUCTS-----	41,149	2,958	36,984		1,207			
3241 BUILDING CEMENT-----	4,722	20	3,603		1,099			
3291 STRUCTURAL CLAY PRODUCTS-----	56,775	47,056	9,874		45			
3271 LIME-----	1,535		1,535					
3281 CUT STONE AND STONE PRODUCTS-----	20,432	19,825	607					
3291 MISC NONMETALLIC MINERAL PROD-----	18,832	4,003	14,748		76			5
3314 IRON AND STEEL PRIMARY FORMS-----	499		499					
3315 IRON, STEEL SHAPES, EXC SHEET-----	12,075	775	10,296		940		32	32
3316 IRON AND STEEL PLATES, SHEETS-----	8,575		7,815					760
3317 IRON AND STEEL PIPE AND TUBE-----	9,253	959	6,646	71	1,570			7
3318 FERROALLOYS-----	320	24	291	45				
3319 IRON AND STEEL PRODUCTS, NEC-----	4,702	399	4,249	42	12			
3321 NONFERROUS METALS, NEC-----	2,965	83	2,897	45				
3322 COPPER ALLOYS, UNWORKED-----	3,019	174	2,785		60			
3323 LEAD AND ZINC, UNWORKED-----	901		901					
3324 ALUMINUM AND ALLOYS, UNWORKED-----	12,513	270	9,884	31	2,328			
3411 FABRICATED METAL PRODUCTS-----	80,428	12,508	68,083	927	778	100	30	2
3511 MACHINERY, EXCEPT ELECTRICAL-----	158,658	12,749	141,036	1,182	1,568	719	63	1,325
3611 ELECTRICAL MACH AND EQUIP-----	134,333	13,001	109,634	555	11,143			
3711 MOTOR VEHICLES, PARTS, EQUIP-----	145,985	11,054	121,310	1,102	12,460			17
3721 AIRCRAFT AND PARTS-----	242	98	144					
3791 SHIPS AND BOATS-----	8,106	2,798	5,242	6	60			
3791 MISC TRANSPORTATION EQUIPMENT-----	10,339	42	10,293					4
3811 INSTR, TIME, PHOTO, OPT GOODS-----	12,249	2,182	9,998	57	52			
3911 MISC MANUFACTURED PRODUCTS-----	33,178	12,480	20,359	152	187			
4011 IRON AND STEEL SCRAP-----	882	101	736	45				
4012 NONFERROUS METAL SCRAP-----	5,308	1,511	3,762	35				
4022 TEXTILE WASTE, SCRAP, SWEEP-----	3,933		3,029	104				
4024 PAPER WASTE AND SCRAP-----	21,689		21,214		475			
4112 COMMODITIES, NEC-----	17,529	5,967	5,344	1,723	4,495			
9999 DEPARTMENT OF DEFENSE AND SCI-----	847		847					
TOTAL TON-MILES, 16,841,065.								

MIAMI RIVER, FLA. (INCLUDED IN TRAFFIC OF  
 MIAMI HARBOR, FLA.)

SECTION INCLUDED: MOUTH TO N. W. 36TH STREET BRIDGE, 9.7 MILES; CONTROLLING DEPTH: 10.5 FEET AT MEAN LOW WATER FROM MOUTH TO MIAMI CANAL, AND THENCE TO 7.9 FEET TO N. W. 36TH STREET BRIDGE, 1.5 MILES, PROJECT DEPTH: 15 FEET UNDER FLOOD CONDITIONS FROM MOUTH TO A POINT 5.5 MILES UPSTREAM.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1971-----	269,666		1976-----	293,449	357,947
1972-----	298,592		1977-----	339,881	400,000
1973-----	310,679		1978-----	328,943	400,000
1974-----	310,717	99	1979-----	368,498	400,000
1975-----	196,310	495,050	1980-----	394,391	405,400

## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

MIAMI RIVER, FLA. (INCLUDED IN TRAFFIC OF  
MIAMI HARBOR, FLA.)--CONTINUED

FREIGHT TRAFFIC, 1980

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	
TOTAL	394,391	85,750	300,994	3,988	959	3,500
0101 COTTON, RAW	26		26			
0103 CORN	85		85			
0104 OATS	3		3			
0109 RICE	1,170		1,170			
0119 OILSEEDS, NEC	201	21	180			
0121 TOBACCO, LEAF	2,392	1,412	940			
0129 FIELD CROPS, NEC	94		94			
0131 FRESH FRUITS AND TREE NUTS	60,053	50,888	1,165			
0132 BANANAS AND PLANTAINS	64		64			
0133 COFFEE	1,942	1,913	29			
0141 FRESH AND FROZEN VEGETABLES	5,270	750	4,520			
0151 LIVE ANIMALS	112		112			
0161 ANIMALS AND PRODUCTS, NEC	1,197	388	809			
0191 MISCELLANEOUS FARM PRODUCTS	398	5	393			
0841 CRUDE RUBBER AND ALLIED GUMS	189		189			
0861 FOREST PRODUCTS, NEC	89	20	69			
0911 FRESH FISH, EXCEPT SHELLFISH	930	651	172	107		
0912 SHELLFISH, EXCEPT PREPARED	5,933	5,628	85	220		
1061 MANGANESE ORES, CONCENTRATES	798		798			
1091 NONFERROUS ORES, CONCENT., NEC	15		15			
1121 COAL AND LIGNITE	288		288			
1411 LIMESTONE	147	1	146			
1412 BUILDING STONE, UNWORKED	120		120			
1442 SAND, GRAVEL, CRUSHED ROCK	556		547			9
1451 CLAY	489		489			
1491 SALT	350		350			
1492 SULPHUR, DRY	51		51			
1499 NONMETALLIC MINERALS, NEC	1,930		1,930			
1911 ORDNANCE AND ACCESSORIES	16		16			
2011 MEAT, FRESH, CHILLED, FROZEN	14,928	9,813	4,719			
2012 MEAT AND PRODUCTS, NEC	1,329	3	1,326			
2014 TALLOW, ANIMAL FATS AND OILS	2,668		2,668			
2015 ANIMAL BY-PRODUCTS, NEC	23		23			
2021 DAIRY PRODUCTS, NEC	968		968			
2022 DRIED MILK AND CREAM	2,032		2,032			
2031 FISH AND SHELLFISH, PREPARED	374	217	307			
2034 VEGETABLES AND PREP., NEC	3,467	21	3,416			
2039 PREP FRUIT AND VEG JUICE, NEC	5,260	621	4,639			
2041 WHEAT FLOUR AND SEMOLINA	1,880		1,880			
2042 PREPARED ANIMAL FEEDS	6,371		6,371			
2049 GRAIN MILL PRODUCTS, NEC	2,411	32	2,379			
2061 SUGAR	2,282	150	2,132			
2062 MOLASSES	69		69			
2081 ALCOHOLIC BEVERAGES	14,278	465	13,813			
2091 VEGETABLE OILS, MARG., SHORT	3,516		3,516			
2092 ANIMAL OILS AND FATS, NEC	555		555			
2099 ICE	314				314	
2099 MISCELLANEOUS FOOD PRODUCTS	8,264	93	8,211			
2111 TOBACCO MANUFACTURES	5,228	36	5,192			
2211 BASIC TEXTILE PRODUCTS	7,371	276	7,095			
2212 TEXTILE FIBERS, NEC	21		21			
2311 APPAREL	2,852	463	2,389			
2411 LOGS	2,593		2,593			
2413 FUEL WOOD, CHARCOAL, WASTES	59		59			
2414 TIMBER, POSTS, POLES, PILING	657	318	307		32	
2421 LUMBER	23,694	359	23,295			
2431 VENEER, PLYWOOD, WORKED WOOD	4,517	5	4,512			
2491 WOOD MANUFACTURES, NEC	4,976	24	4,952			
2511 FURNITURE AND FIXTURES	3,295	34	3,221			
2611 PULP	306		306			
2631 PAPER AND PAPERBOARD	20,781	1	20,780			
2691 PULP AND PAPER PRODUCTS, NEC	7,016	50	6,966			
2711 PRINTED MATTER	1,667	11	1,656			
2811 CRUDE TAR, OIL, GAS PRODUCTS	7	1	6			
2812 DYES, PIGMENT, TANNING MATS	22		22			
2813 ALCOHOLS	22		22			
2816 RADIOACTIVE MATERIALS, WASTES	20		20			
2819 BASIC CHEMICALS AND PROD., NEC	7,749	2	7,747			
2821 PLASTIC MATERIALS	4,579		4,579			
2822 SYNTHETIC RUBBER	202		202			
2823 SYNTHETIC (MAN-MADE) FIBERS	1,052		1,052			
2831 DRUGS	942	2	942			
2841 SOAP	4,208	103	4,109			
2891 PAINTS	1,985		1,985			
2861 GUM AND WOOD CHEMICALS	69		69			
2871 NITROGENOUS CHEM FERTILIZERS	34		34			
2872 POTASSIC CHEM FERTILIZERS	487		487			
2873 PHOSPHATIC CHEM FERTILIZERS	212		202			
2876 INSECTICIDES, DISINFECTANTS	943		943			
2879 FERTILIZER AND MATERIALS, NEC	674		674			
2891 MISCELLANEOUS CHEMICAL PROD.	3,886		3,886			
2911 GASOLINE	387		387			
2914 DISTILLATE FUEL OIL	1,705		1,705	1,477		
2918 RESIDUAL FUEL OIL	3,320		3,320	1,656		1,655
2916 LUBRICATING OILS AND GREASES	1,954		1,954			
2918 ASPHALT, TAR, AND BITUMENS	333		333			
2920 COKE, PETROLEUM COKE	139	49	90			
2921 LIQUEFIED GASES	255		255			
2991 ASPHALT BUILDING MATERIALS	3,169		3,169			
2991 PETROLEUM AND COAL PROD., NEC	201		201			
3011 RUBBER AND MISC PLASTIC PROD.	9,067	97	8,970			

## JACKSONVILLE, FLA., DISTRICT

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MIAMI RIVER, FLA. (INCLUDED IN TRAFFIC OF  
MIAMI HARBOR, FLA.)--CONTINUED

FREIGHT TRAFFIC, 1980--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		
		IMPORTS	EXPORTS	INTERNAL		LOCAL
				RECEIPTS	SHIPMENTS	
3111 LEATHER AND LEATHER PRODUCTS-----	765	8	757	-----	-----	-----
3211 GLASS AND GLASS PRODUCTS-----	2,761	107	2,654	-----	-----	-----
3241 BUILDING CEMENT-----	1,670	-----	1,670	-----	-----	-----
3251 STRUCTURAL CLAY PRODUCTS-----	5,806	365	5,441	-----	-----	-----
3271 LIME-----	425	-----	425	-----	-----	-----
3281 CUT STONE AND STONE PRODUCTS-----	396	53	343	-----	-----	-----
3291 MISC NONMETALLIC MINERAL PROD-----	3,993	58	3,935	-----	5	-----
3314 IRON AND STEEL PRIMARY FORMS-----	396	-----	396	-----	-----	-----
3319 IRON, STEEL SHAPES, EXC SHEET-----	3,720	-----	3,656	-----	32	32
3316 IRON AND STEEL PLATES, SHEETS-----	3,293	-----	2,533	-----	-----	760
3317 IRON AND STEEL PIPE AND TUBE-----	1,337	-----	1,330	-----	-----	7
3318 FERROALLOYS-----	190	4	186	-----	-----	-----
3319 IRON AND STEEL PRODUCTS, NEC-----	1,917	-----	1,917	-----	-----	-----
3321 NONFERROUS METALS, NEC-----	478	-----	478	-----	-----	-----
3322 COPPER ALLOYS, UNWORKED-----	206	-----	206	-----	-----	-----
3323 LEAD AND ZINC, UNWORKED-----	744	-----	744	-----	-----	-----
3324 ALUMINUM AND ALLOYS, UNWORKED-----	1,634	-----	1,634	-----	-----	-----
3411 FABRICATED METAL PRODUCTS-----	11,430	360	11,069	-----	-----	2
3511 MACHINERY, EXCEPT ELECTRICAL-----	14,909	320	13,271	128	176	1,014
3611 ELECTRICAL MACH AND EQUIP-----	14,614	21	14,593	-----	-----	-----
3711 MOTOR VEHICLES, PARTS, EQUIP-----	18,117	512	17,605	-----	-----	17
3721 AIRCRAFT AND PARTS-----	24	3	21	-----	-----	-----
3731 SHIPS AND BOATS-----	1,236	-----	1,236	-----	-----	-----
3791 MISC TRANSPORTATION EQUIPMENT-----	1,630	-----	1,630	-----	-----	4
3811 INSTR, TIME, PHOTO, OPT GOODS-----	743	7	736	-----	-----	-----
3911 MISC MANUFACTURED PRODUCTS-----	3,963	194	3,769	-----	-----	-----
4011 IRON AND STEEL SCRAP-----	223	80	143	-----	-----	-----
4012 NONFERROUS METAL SCRAP-----	444	198	246	-----	-----	-----
4022 TEXTILE WASTE, SCRAP, SWEEP-----	987	-----	987	-----	-----	-----
4024 PAPER WASTE AND SCRAP-----	8,597	-----	8,597	-----	-----	-----
4112 COMMODITIES, NEC-----	1,344	547	797	-----	-----	-----
9999 DEPARTMENT OF DEFENSE AND SCI-----	76	-----	76	-----	-----	-----
TOTAL TON-MILES, 1,193,685,						

INTRACOASTAL WATERWAY, MIAMI TO KEY WEST, FLA.

SECTION INCLUDED: TURNING BASIN AT MIAMI TO KEY WEST, 158 MILES, CONTROLLING DEPTH: 6.5 FEET FROM CAPE FLORIDA TO CROSS BANK, 55.6 MILES; THENCE TO KEY WEST, 5 FEET VIA NATURAL CHANNEL AMONG THE KEYS (THIS SECTION NOT CONSTRUCTED); PROJECT DEPTH: 7 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971-----	755,373	1976-----	1,000,306
1972-----	607,726	1977-----	728,253
1973-----	1,278,577	1978-----	753,110
1974-----	1,437,164	1979-----	705,313
1975-----	1,164,392	1980-----	686,875

## FREIGHT TRAFFIC, 1980

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE		INTERNAL		
		RECEIPTS	SHIPMENTS	INBOUND	OUTBOUND	THROUGH SOUTHBOUND
TOTAL-----	686,875	666,132	302	2,139	18,174	128
0911 FRESH FISH, EXCEPT SHELLFISH-----	773	-----	-----	773	-----	-----
0912 SHELLFISH, EXCEPT PREPARED-----	454	-----	-----	454	-----	-----
2099 ICE-----	18,049	-----	-----	-----	18,049	-----
2919 RESIDUAL FUEL OIL-----	627,870	627,870	-----	-----	-----	-----
3291 MISC NONMETALLIC MINERAL PROD-----	37,414	37,414	-----	-----	-----	-----
3319 IRON AND STEEL PIPE AND TUBE-----	125	125	-----	-----	-----	-----
3411 FABRICATED METAL PRODUCTS-----	250	250	-----	-----	-----	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	922	315	302	177	-----	128
3611 ELECTRICAL MACH AND EQUIP-----	860	-----	-----	739	125	-----
3731 SHIPS AND BOATS-----	158	158	-----	-----	-----	-----
TOTAL TON-MILES, 92,321,230,						

## OTHER HARBORS AND WATERWAYS

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON-MILES	PASSENGERS
PROJECT				
BAKERS MAULOVER INLET, FLA.				28,000
EAU GALLIE HARBOR, FLA.	NO COMMERCE REPORTED			
KEY WEST HARBOR, FLA.	0141 FRESH AND FROZEN VEGETABLES-----	20		
	0911 FRESH FISH, EXCEPT SHELLFISH-----	510		
	0912 SHELLFISH, EXCEPT PREPARED-----	1,545		
	2011 MEAT, FRESH, CHILLED, FROZEN-----	86		
	2061 SUGAR-----	22		
	2099 ICE-----	12,629		
	2099 MISCELLANEOUS FOOD PRODUCTS-----	20		
	2211 BASIC TEXTILE PRODUCTS-----	3		
	2311 APPAREL-----	13		
	2912 JET FUEL-----	21,026		
	2914 DISTILLATE FUEL OIL-----	15,738		
	2915 RESIDUAL FUEL OIL-----	150,014		
	3011 RUBBER AND MISC PLASTIC PROD-----	11		
	3111 LEATHER AND LEATHER PRODUCTS-----	1		
	3211 GLASS AND GLASS PRODUCTS-----	1		
	3291 MISC NONMETALLIC MINERAL PROD-----	3		
	3411 FABRICATED METAL PRODUCTS-----	81		
	3511 MACHINERY, EXCEPT ELECTRICAL-----	12		
	3611 ELECTRICAL MACH AND EQUIP-----	69		
	3731 SHIPS AND BOATS-----	5		
	3811 INSTR, TIME, PHOTO, OPT GOODS-----	94		
	3911 MISC MANUFACTURED PRODUCTS-----	26		
	4112 COMMODITIES, NEC-----			
	TOTAL-----	201,506	1,229,246	55,252
MELBOURNE HARBOR, FLA.	0911 FRESH FISH, EXCEPT SHELLFISH-----	25		
	2099 ICE-----	20		
	TOTAL-----	45	45	
NEW RIVER, FLA. (INCLUDED IN TRAFFIC OF PORT EVERGLADES HARBOR, FLA.)	2034 VEGETABLES AND PREP, NEC-----	4		
	2039 PREP FRUIT AND VEG JUICE, NEC-----	24		
	2042 PREPARED ANIMAL FEEDS-----	26		
	2094 VEGETABLE OILS, MARG, SHORT-----	30		
	2099 MISCELLANEOUS FOOD PRODUCTS-----	38		
	2311 APPAREL-----	1		
	2421 LUMBER-----	9		
	2431 VENEER, PLYWOOD, WORKED WOOD-----	19		
	2491 WOOD MANUFACTURES, NEC-----	14		
	2511 FURNITURE AND FIXTURES-----	5		
	2631 PAPER AND PAPERBOARD-----	3		
	2691 PULP AND PAPER PRODUCTS, NEC-----	6		
	2841 SOAP-----	2		
	2891 PAINTS-----	8		
	3011 RUBBER AND MISC PLASTIC PROD-----	9		
	3111 LEATHER AND LEATHER PRODUCTS-----	2		
	3291 STRUCTURAL CLAY PRODUCTS-----	26		
	3291 MISC NONMETALLIC MINERAL PROD-----	24		
	3315 IRON, STEEL SHAPES, EXC SHEET-----	20		
	3411 FABRICATED METAL PRODUCTS-----	5		
	3511 MACHINERY, EXCEPT ELECTRICAL-----	9		
	3611 ELECTRICAL MACH AND EQUIP-----	1		
	3711 MOTOR VEHICLES, PARTS, EQUIP-----	10		
	3811 INSTR, TIME, PHOTO, OPT GOODS-----	21		
	TOTAL-----	316	1,264	20,000
OKLAHAMA RIVER, FLA.	0911 FRESH FISH, EXCEPT SHELLFISH-----	79	696	1,000,000
PONCE DE LEON INLET, FLA.	0911 FRESH FISH, EXCEPT SHELLFISH-----	8		
	0912 SHELLFISH, EXCEPT PREPARED-----	56		
	2099 ICE-----	588		
	TOTAL-----	652	1,956	
RICE CREEK, FLA.	2915 RESIDUAL FUEL OIL-----	116,645	466,500	
ST. AUGUSTINE HARBOR, FLA.	0911 FRESH FISH, EXCEPT SHELLFISH-----	16		
	0912 SHELLFISH, EXCEPT PREPARED-----	401		
	2099 ICE-----	2,949		
	3731 SHIPS AND BOATS-----	7,361		
	TOTAL-----	10,323	64,034	62,100
ST. LUCIE INLET, FLA.	0911 FRESH FISH, EXCEPT SHELLFISH-----	101		
	2099 ICE-----	8		
	4118 WATERWAY IMPROVEMENT MAT-----	29,150		
	TOTAL-----	29,257	58,720	

\*EXCURSION PASSENGERS CARRIED OVER SILVER SPRINGS RUN.

# ATLANTIC INTRACOASTAL WATERWAY (CONSOLIDATED REPORT) BETWEEN NORFOLK, VA., AND THE ST. JOHNS RIVER, FLA.

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ATLANTIC INTRACOASTAL WATERWAY (CONSOLIDATED REPORT) BETWEEN  
NORFOLK, VA., AND THE ST. JOHNS RIVER, FLA.

SECTION INCLUDED: NORFOLK, VA., TO THE ST. JOHNS RIVER, FLA., 739 MILES. FOR CONTROLLING AND PROJECT DEPTHS SEE TABLES OF INDIVIDUAL  
STRETCHES LISTED SEPARATELY.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1971	3,662,166	132,929	1976	4,470,792	202,323
1972	4,361,217	13,258	1977	4,803,739	106,328
1973	3,931,592	75,646	1978	5,094,836	149,387
1974	3,537,217	82,327	1979	5,066,145	97,020
1975	3,218,552	150,652	1979	3,946,144	83,920

## FREIGHT TRAFFIC, 1980

DEANGONG

(SHORT TONS)

COMMODITY	TOTAL	DOMESTIC			
		RECEIPTS	THROUGH		
			NORTHBOUND	SOUTHBOUND	
TOTAL	29,965	500	23,538	5,927	
1091 NONFERROUS ORES, CONCENT, NEC	4,983		4,983		
2813 ALCOHOLS	9,794		9,794		
2871 NITROGENOUS CHEM FERTILIZERS	5,571			5,571	
2914 DISTILLATE FUEL OIL	60			60	
3316 IRON AND STEEL PLATES, SHEETS	70			70	
3411 FABRICATED METAL PRODUCTS	5,183		4,958	225	
3511 MACHINERY, EXCEPT ELECTRICAL	3,065	500	2,565		
3731 SHIPS AND BOATS	1,038		1,038		
3791 MISC TRANSPORTATION EQUIPMENT	200		200		
4112 COMMODITIES, NEC	1			1	
TOTAL MILES, DEANGONG	13,880,123				

## INTERNAL

(SHORT TONS)

COMMODITY	TOTAL	NORTHBOUND	INBOUND NORTHBOUND	OUTBOUND NORTHBOUND	THROUGH NORTHBOUND	SOUTHBOUND	INBOUND SOUTHBOUND	OUTBOUND SOUTHBOUND	THROUGH SOUTHBOUND
TOTAL	3,966,179	332	342,510	39,486	1,117,698	10,946	505,972	253,754	1,695,531
0103 CORN	65,021			13,643	6,358			43,789	1,231
0107 WHEAT	26,931				1,292			25,640	
0111 SOYBEANS	64,430			8,543	3,670			52,257	
0911 FRESH FISH, EXCEPT SHELLFISH	13,226		936	5,440	630		3,448	3	2,291
0912 SHELLFISH, EXCEPT PREPARED	27,332	332	2,933		2,810	10,768	4,187	94	6,238
0913 MENHADEN	16,499				2,111		13,708		680
1011 IRON ORE AND CONCENTRATES	353,581								353,581
1091 NONFERROUS ORES, CONCENT, NEC	11,084				4,485				8,599
1442 SAND, GRAVEL, CRUSHED ROCK	296,115		3,079		5,115		247,921		
1493 SULPHUR, LIQUID	349,456				349,456				
1499 NONMETALLIC MINERALS, NEC	954				954				
2049 GRAIN MILL PRODUCTS, NEC	357							357	
2061 SUGAR	10,807				10,807				
2091 ALCOHOLIC BEVERAGES	921				594				327
2091 VEGETABLE OILS, MARS, SHORT	100				100				
2092 ANIMAL OILS AND FATS, NEC	13,580			9,080	4,500				
2095 ICE	2,820			2,820					
2099 MISCELLANEOUS FOOD PRODUCTS	15,609				15,589				20
2211 BASIC TEXTILE PRODUCTS	2,490								2,490
2311 APPAREL	278								278
2414 TIMBER, POSTS, POLES, PILING	7,398				7,398				
2415 PULPWOOD, LOGS	447,666							131,955	316,611
2416 WOOD CHIPS, STAVES, HOLDINGS	43,249								43,249
2611 PULP	122,570				122,570				
2631 PAPER AND PAPERBOARD	58,930				58,930				
2810 SODIUM HYDROXIDE	36,919						25,200		11,719
2811 CRUDE TAR, OIL, GAS PRODUCTS	1,500								1,500
2818 SULPHURIC ACID	49,300								49,300
2821 PLASTIC MATERIALS	1,469				1,469				
2861 GUM AND WOOD CHEMICALS	6,098				6,098				
2871 NITROGENOUS CHEM FERTILIZERS	24,339				15,212		1,787		7,340
2873 PHOSPHATIC CHEM FERTILIZERS	64,140				12,214				51,926
2879 FERTILIZER AND MATERIALS, NEC	328,200								328,200
2911 GASOLINE	47,018				17,867				34,151
2912 JET FUEL	240,040		40,838				190,861		8,341
2914 DISTILLATE FUEL OIL	28,709				23,207				5,501
2915 RESIDUAL FUEL OIL	840,455		293,776		270,321		16,460		277,898
2917 NAPHTHA, PETROLEUM SOLVENTS	42,214				8,870				33,344
2920 COKE, PETROLEUM COKE	24,437								24,437
2991 PETROLEUM AND COAL PROD, NEC	5,273								5,273
3211 GLASS AND GLASS PRODUCTS	800				800				
3291 MISC NONMETALLIC MINERAL PROD	31								31
3316 IRON, STEEL SHAPES, EXC SHEET	71,711				50,765				20,946
3316 IRON AND STEEL PLATES, SHEETS	11,370				488				10,882
3318 FERROALLOYS	18,387				9,780				8,607
3319 IRON AND STEEL PRODUCTS, NEC	1,899				1,499				



## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

ATLANTIC INTRACOASTAL WATERWAY (CONSOLIDATED REPORT) BETWEEN  
NORFOLK, VA., AND THE ST. JOHNS RIVER, FLA.--CONTINUED

FREIGHT TRAFFIC, 1980--CONTINUED

INTERNAL--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	NORTHBOUND	INBOUND NORTHBOUND	OUTBOUND NORTHBOUND	THROUGH NORTHBOUND	SOUTHBOUND	INBOUND SOUTHBOUND	OUTBOUND SOUTHBOUND	THROUGH SOUTHBOUND
3411 FABRICATED METAL PRODUCTS----	4,740	-----	-----	-----	1,600	-----	-----	-----	3,140
3511 MACHINERY, EXCEPT ELECTRICAL----	9,189	-----	-----	380	3,012	-----	-----	500	1,377
3611 ELECTRICAL MACH AND EQUIP----	1,999	-----	-----	-----	1,560	-----	-----	-----	439
3711 MOTOR VEHICLES, PARTS, EQUIP----	15	-----	-----	-----	15	-----	-----	-----	-----
3731 SHIPS AND BOATS-----	3,215	-----	-----	778	2,337	-----	-----	-----	100
3911 MISC MANUFACTURED PRODUCTS----	488	-----	-----	-----	488	-----	-----	-----	-----
4011 IRON AND STEEL SCRAP-----	28,309	-----	-----	-----	-----	-----	-----	-----	28,309
4012 NONFERROUS METAL SCRAP-----	4,004	-----	-----	-----	-----	-----	-----	-----	4,004
4112 COMMODITIES, NEC-----	102,921	-----	-----	-----	59,342	-----	-----	-----	43,179

TON-MILES, INTERNAL, 470,323,932

TONS, ALL TRAFFIC, 3,996,144

TON-MILES, ALL TRAFFIC, 484,204,099

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Section 2  
TRIPS AND DRAFTS OF VESSELS

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## NEW ENGLAND DIVISION

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## TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION							
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL	
DRAFT (FEET)	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		
HUICKSPORT HARBOR, MAINE						INBOUND		OUTBOUND					
36		2				2							
34		1				1							
32		1				1							
31		2				2							
30		4				4		1				1	
29		1				1							
28		2				2		1				1	
27		1				1		1				1	
26		1				1							
25		2				2		1				1	
24		2				2		4				4	
23		1				1		7				7	
22								2				2	
20		1				1							
19								1				1	
18		1				1		14				14	
17		1				1		2				2	
16		3				3		4				4	
15		2				2		8				8	
14		1	2			3		8	6			14	
13		6				6		2				2	
12		8				13		5				5	
11		8				26		4				12	
10		1				95		1	32			41	
2			32		62						8	54	
TOTAL		62	47		62	171		61	51		62	174	
PENOBSCOT RIVER, MAINE						UPBOUND		DOWNBOUND					
22		20			1	21	2	17				19	
20		1				1							
19		1				1		1				1	
18	1	24				25		3				3	
17	1	51				52							
16		17			4	21	1			1		2	
15		32			2	34	1					1	
14	1	73	41			125	3	3	44			50	
13	1	5	6		4	14	3	57	6			66	
12 AND LESS	30	5	56	1	67	159	18	144	59	1	75	297	
TOTAL	34	229	113	1	78	445	28	223	111	1	76	439	
SEARSPORT HARBOR, MAINE						INBOUND		OUTBOUND					
35	1	14				15							
34		2				2		1				1	
33		10				10							
32	5	6				11		1				1	
31								2				2	
30		3				3		2				2	
29		2				2		1				1	
28		1				1		2				2	
27		2				2		1				1	
26	1					1	2	1				3	
25	1				2	3	2	3				5	
24	4					4	3	4				7	
23	5	1				6	4	3				7	
22	4					4	8	5				13	
21	4					4	5	11				16	
20	2					2	3	1				4	
19	2					2							
18 AND LESS	8	13	73		4	94	8	14	75	2	4	104	
TOTAL	35	54	73	2	4	188	35	53	76	2	4	170	
PORTLAND HARBOR, MAINE						INBOUND		OUTBOUND					
45		15				15		2				2	
44		13				13							
43		13				13							
42		8				8							
41		8				8							
40		10				10							
39		5				5							
38		12				12							
37		7				7							
36		13				13							
35		29			1	30		1				1	
34		23				24		3				3	
33	1	15				16	1	2				3	
32		34				34		6				6	
31		8				8		2			3	6	
30	1	5				6	1	9				9	
29		3				3		3				3	
28		10				10	1	23				24	
27	2	5				7	3	11				14	
26	1	5				6	1	75		1		77	
25	1	4				5	1	22				23	
24	3	4				7	2	31				33	
23		1				1	2	9		1		12	
22						3	2	14				16	
21	4	2				6		7		1		8	
20	3	1				4	1	5		4		10	

## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

## NEW ENGLAND DIVISION

## TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION				
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS	
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER
PORTLAND HARBOR, MAINE--(CONTINUED)				INBOUND					OUTBOUND	
19 - - - - -	1	1		20		5			1	6
18 AND LESS- - - - -	12,370	453	412	1	179	17,356	468	403	2	239
TOTAL- - - - -	12,387	706	412	1	261	18,767	701	403	2	250
PORTSMOUTH HARBOR, N. H.				INBOUND					OUTBOUND	
35 - - - - -	3	39								
34 - - - - -	1	16				2				2
33 - - - - -	6	5				4	1			5
32 - - - - -	1	3				2	2			4
31 - - - - -	1	2				1	2			3
30 - - - - -		2				1	3			4
29 - - - - -							2			2
28 - - - - -		3				5	5			10
27 - - - - -		1				3	9			9
26 - - - - -		1			1	3	4		1	8
25 - - - - -	5	7				1	8			9
24 - - - - -	1	2			3		6			6
23 - - - - -		2				2	20			21
22 - - - - -	1				1	2	8			10
21 - - - - -	6				2	2	2			4
20 - - - - -	4				2	3	6			10
19 - - - - -	1				3	2	2			5
18 AND LESS- - - - -	289	46	55	2	36	291	48	46	2	49
TOTAL- - - - -	319	124	55	2	48	548	124	46	2	53
SALEM HARBOR, MASS.				INBOUND					OUTBOUND	
30 - - - - -		30					1			1
29 - - - - -					1		1			1
28 - - - - -					2		3			3
27 - - - - -					2					
26 - - - - -		3			1		3			3
25 - - - - -		1					1			1
24 - - - - -		1			1	1	7			8
23 - - - - -					1		6			6
22 - - - - -							3		2	5
21 - - - - -							1			1
20 - - - - -					1		4			4
19 - - - - -					2		3			3
18 AND LESS- - - - -	26	64	210	5	41	26	62	204	5	46
TOTAL- - - - -	26	99	210	5	52	27	99	204	5	48
PORT OF BOSTON, MASS.				INBOUND					OUTBOUND	
40 - - - - -		5								
39 - - - - -		20					1			1
38 - - - - -		25					1			2
37 - - - - -		21				1	1		1	2
36 - - - - -	3	46					2			2
35 - - - - -	3	74				5	4		1	10
34 - - - - -	1	58				9	5			14
33 - - - - -	8	27				5	9			14
32 - - - - -	9	14			2	9	10			19
31 - - - - -	10	24	1		8	8	9		1	14
30 - - - - -	24	9			6	23	8		3	34
29 - - - - -	39	12			7	28	7		2	37
28 - - - - -	54	11			11	45	13		4	62
27 - - - - -	51	13		8	7	38	21		3	63
26 - - - - -	57	13			2	46	62	1	6	116
25 - - - - -	39	10	2		8	46	39	2	5	90
24 - - - - -	34	16			26	34	67		4	105
23 - - - - -	30	7	1	2	18	20	16	1	3	40
22 - - - - -	14	4	1	2	9	16	23		3	42
21 - - - - -	15	2	1	2	16	12	22		9	39
20 - - - - -	15	3	2	1	15	17	34	2	9	58
19 - - - - -	11	5		2	22	30	14		7	51
18 AND LESS- - - - -	4,515	580	1,390	35	677	4,522	665	1,428	50	755
TOTAL- - - - -	4,932	999	1,398	52	835	4,914	1,829	1,434	50	808
MAIN WATERFRONT (PORT OF BOSTON)				INBOUND					OUTBOUND	
40 - - - - -		5								
39 - - - - -		19					1			1
38 - - - - -		24					1		1	2
37 - - - - -		22				1	1			2
36 - - - - -	3	46					1			1
35 - - - - -	3	72				5	4		1	10
34 - - - - -	1	52				9	9			14
33 - - - - -	8	27				5	8			13
32 - - - - -	9	14			1	9	9			18
31 - - - - -	10	22	1		8	8	9		1	14
30 - - - - -	24	7			6	23	8		3	34
29 - - - - -	39	12			7	28	6		2	36
28 - - - - -	54	10			12	45	11		3	59
27 - - - - -	51	13		8	2	38	16	1	3	58
26 - - - - -	57	13			6	46	48	2	6	102
25 - - - - -	39	11			7	46	37		9	88
24 - - - - -	34	16			26	34	68		4	98
23 - - - - -	30	8	1	2	19	20	13	1	3	37

## NEW ENGLAND DIVISION

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## TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION						
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL
DRAFT (FEET)	PASSENGER AND DRY CARGO	TANKER	TUGBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TUGBOAT OR TUGBOAT	DRY CARGO	TANKER	
MAIN WATERFRONT (PORT OF BOSTON)--(CONTINUED)												
				INBOUND					OUTBOUND			
22	14	4	1	2	9	30	16	21		2	39	
21	15	2	1	2	10	30	12	14		3	29	
20	15	3		1	13	32	17	31		4	52	
19	11	6		2	17	30	30	10		6	46	
18 AND LESS	4,914	525	1,222	22	990	6,873	4,522	605	1,273	47	644	
TOTAL	4,931	934	1,226	39	720	7,850	4,914	915	1,277	47	691	
CHELSEA RIVER, MASS.												
				INBOUND					OUTBOUND			
35		67				67		1			1	
34		27				27						
33		13				13		1			1	
32		6			1	7		1			1	
31	2	8			7	17				1	1	
30	6	2			4	12					1	
29	2	5			2	9		1			1	
28	2	4			9	15		2			2	
27	3	5			1	9		11			11	
26	1	8			3	12		16	2		4	
25	2	5			4	11		14			3	
24	1	10			5	16	1	29			3	
23	1	5			6	12	1	7			2	
22	3	4			4	11		13			1	
21	1	1		1	12	15		17			3	
20	1				10	11		22			3	
19		3			13	16	4	8			5	
18 AND LESS	5	274	505		257	1,041	6	300	499	2	293	
TOTAL	30	447	505	1	338	1,321	12	443	501	2	322	
MYSTIC RIVER, MASS.												
				UPBOUND					DOWNBOUND			
35		61				61	3				3	
34		9				9	6				6	
33	1	3			1	5	2	2			4	
32		4				4	4				4	
31	1	8				9	4	1			5	
30	1	1				2	1				1	
29	3	3			1	6	2	3			6	
28	3	3				6	3	6		1	9	
27	3	1		8	1	13	1	9			7	
26	6	4				10	2	20		1	23	
25	3				2	5	4	5		1	10	
24	11				4	15	3	12		1	16	
23	8	1		2	7	16	1	4			5	
22	1	1		2	3	7	3	2			5	
21	7			1	1	9	3				3	
20	4			1	2	7	6	8			15	
19	5	1		2	3	11	6	3		1	10	
18 AND LESS	42	107	320	7	265	741	51	114	344	23	277	
TOTAL	99	205	320	23	290	937	105	185	344	23	284	
WEYMOUTH FORE RIVER, MASS.												
				INBOUND					OUTBOUND			
36		1				1						
35		2				2						
34		6				6						
33		1			1	2						
31		1				1						
30		1				1		2			2	
29		2				2						
28		1				1						
26		1	2		1	4		2		1	1	
25		1			1	1		1			2	
24		16			16	16		3			3	
23		3			3	3		1			1	
22		1			2	3		1			1	
21		1			2	3		2			4	
20			2		3	5			2		3	
19		3			3	3		1		1	2	
18 AND LESS	8	133	144	8	95	390	2	134	171	8	183	
TOTAL	8	151	150	8	127	444	2	147	173	8	128	
TOWN RIVER, MASS.												
				INBOUND					OUTBOUND			
29		5				5						
26								1			1	
25					1	1						
24					2	2		2			2	
23								1			1	
22		1			1	1		2			3	
21					2	2		2		1	3	
18					1	1		1			1	
17		2				2		1			1	
16		6			3	9		5			5	
15		4	2			6		9			9	
14		11	7		2	20		7	7		14	
13		2	8			10		2	8		10	
12 AND LESS		20	23	1	27	71		20	25	1	34	
TOTAL		51	40	1	38	130		49	40	1	39	

## NEW ENGLAND DIVISION

## TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					TOTAL	DIRECTION					TOTAL
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS			SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		
DRAFT (FEET)	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		
CAPE COD CANAL, MASS.												
32		2		FASTBOUND		3	2	26	WESTBOUND		28	
31		1		1	13	15		3			3	
30	1	4			10	15		3			3	
29	12	5		1	12	30	23			2	25	
28	28	11			19	54	40	8		2	50	
27	25	6		4	10	45	52	13		2	68	
26	24	4		5	16	49	40	21	1	4	66	
25	30	9			14	53	44	31		1	76	
24	24	6			20	50	26	36		2	64	
23	17	2		1	36	56	13	9		6	28	
22	6		2		28	36	8	6	1	5	20	
21	6	3	2	3	40	54	12	2	4	2	20	
20	9	2	12		36	59	18	1	7	5	31	
19	11		7	1	54	73	18		3	8	29	
18 AND LESS	1,568	405	2,558	141	944	5,516	1,591	466	2,632	192	1,323	6,144
TOTAL	1,761	460	2,541	157	1,253	6,212	1,887	565	2,647	194	1,362	6,655
FALL RIVER HARBOR, MASS.												
34	13	16		INBOUND		30		1	OUTBOUND		1	
33	3	3				6						
32		5				5						
31		2				2						
30		2				2		1			1	
29		1			1	2						
28	2	1			4	4		2			2	
27					5	5	1	1			2	
26		4			1	5		3			3	
25	1	1		12	3	17		2			2	
24	3	1			10	14	2	6			8	
23	2	1			7	11	3	6			9	
22	1					1	1	4			5	
21		1			4	4	2	4		2	8	
20					4	4	2				2	
19					11	11				1	1	
18 AND LESS	86	174	1,293	1	339	1,493	97	176	1,338	14	380	2,005
TOTAL	111	212	1,293	13	387	2,014	108	266	1,338	14	383	2,049
PROVIDENCE RIVER AND HARBOR, R. I.												
38	3			INBOUND		3			OUTBOUND			
37	2	8				10	1				1	
36		15				15	1	1			2	
35	1	24				25	4	2			6	
34	3	25				28	10	3			13	
33	4	19		1		24	8	4			12	
32	7	11				18	6	2			8	
31	1	5		2		6				2	2	
30	5	3		2		10	6	5		1	12	
29	6	3				9	4	3			7	
28	6	3		4		13	11	5			17	
27	8	8				16	7	6		1	13	
26	14	8		5	3	30	13	9			22	
25	4	6		2		14	9	13			22	
24	15	5		11		31	15	22		1	38	
23	13	2		3		18	13	13			26	
22	12	3		1	18	34	9	15		2	26	
21	8	11		2	27	48	8	6		1	17	
20	17	4			15	34	16	10		1	31	
19	8	1	1		15	25	5	9		1	18	
18 AND LESS	178	114	1,546	66	496	2,400	170	149	1,574	65	552	2,510
TOTAL	512	278	1,547	74	599	2,510	316	277	1,574	70	566	2,803
NEW LONDON HARBOR, CONN.												
32		22		INBOUND		22		6	OUTBOUND		6	
31		4				4		2			2	
30		3				3		4			4	
29	2	8				10		3			3	
28	1	5				6	2	4			6	
27		6				6		3			3	
26	2	11		1		14	1	4			5	
25	2	4				6	2	26			28	
24	8	3				11	2				2	
23	5	4				9	4	3			7	
22	5	6				11	6	5			11	
21	4	6		1		11	9	1			10	
20	6	4				12	5	11			16	
19	4				4	8		4			12	
18 AND LESS	3,167	114	399	1	298	3,979	3,090	110	363	1	365	3,855
TOTAL	3,106	200	399	1	306	4,012	3,115	198	363	1	365	3,982
THAMES RIVER, CONN.												
21		16		UPBOUND		16			DOWNBOUND			
20		4				4		7			7	
19								11			11	
18					15	15		2			2	
17			1		31	37			1		1	
16		2			14	16						

## NEW ENGLAND DIVISION

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## TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DRAFT (FEET)				
	UPBOUNDS		DOWNBOUNDS		TOTAL	UPBOUNDS		DOWNBOUNDS		TOTAL
	PASSENGER AND TUG BOAT	TANKER	PASSENGER AND TUG BOAT	TANKER		PASSENGER AND TUG BOAT	TANKER	PASSENGER AND TUG BOAT	TANKER	
THAMES RIVER, CONN.--(CONTINUED)										
15		3	4		12					6
14		25	14		64		2	32		34
13		16	7		29			11		11
12 AND LESS		5	53		78		41	64	100	209
TOTAL		65	99		268		63	119	100	281
CONNECTICUT RIVER BELOW HARTFORD, CONN.										
15		1			1					
14		2	147		151			154		154
13		51	12		92		1	12		13
12		87	16		242		1	44		49
11		12	21		89			17		17
10			144		154		10	172		189
9		1	8		12		49	12	1	62
8	429		4		433	429		2		431
7	404		8		412	404		4		408
6 AND LESS	11,698		9,642	9,451	31,122	11,698		9,664	9,651	31,152
TOTAL	12,931	154	10,052	9,451	32,771	12,531	106	10,092	9,651	32,280
NEW HAVEN HARBOR, CONN.										
37	2	13			17					
36		18			18	1				1
35	2	13			15	2	1			3
34	2	11			13	1	1			2
33	3	10			13	1	1			2
32	3	10			13	1				1
31	4	10		1	15					5
30	1	1			2	4	1			5
29	2	1		2	5	7	3			9
28	1	2			3	1	10			11
27	5	2			7	2	4			6
26	6	5	2		13	5	10			15
25	6	5			11	1	19			20
24	6	8			14	5	17		2	24
23	10	2			12	6	3			9
22	9	3			12	2	7	2		11
21	6	2		4	12	11	12			23
20	5	2			7	12	12			24
19	8	3			11	7	7			14
18 AND LESS	756	356	1,617	39	977	755	378	1,646	40	1,835
TOTAL	837	482	1,619	42	1,771	838	490	1,648	40	1,868
HOUSATONIC RIVER, CONN.										
16					47					
15			6		18			4		4
14			16		5			42		42
13					1			4		4
12			20	27	3			24		24
11					3			2		2
10			11	1	12			21		21
9			2		2			2		2
7			2		2			2		2
6 AND LESS									23	72
TOTAL			77	21	74			107	23	73
BRIDGEPORT HARBOR, CONN.										
35	2	5			11		1			1
34	1	2			3	1				1
33	6				6					
32	4	7			11					
31	4	2			6	3				3
30	7	2		1	10	2				2
29	4	2			6	5	1			6
28	6	2			8	1	1		1	3
27	5	2			7	4	2			6
26	7	2			9	4	2			6
25	6	2		4	12	6	16			22
24	5	2			7	7	4			11
23	3				3	7				7
22	5			1	6	1	2			3
21	3				3	4				7
20	3			1	4	10	1			11
19					4	4				4
18 AND LESS	21	76	644	26	747	19	77	675	26	711
TOTAL	92	106	644	26	741	90	107	675	26	711
NORWALK HARBOR, CONN.										
17			8		8			4		4
16					62				2	2
15			2		14			10		10
14			41		6			51		51
13		6			10			2		2
12		16	47	2	64			69		69

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## NEW ENGLAND DIVISION

## TRIPS AND DRAFTS OF VESSELS

WATERWAY	DIRECTION					DIRECTION				
	REGULATED VESSELS		NON-REGULATED VESSELS		TOTAL	REGULATED VESSELS		NON-REGULATED VESSELS		TOTAL
DRAFT, FEET	PASSENGER AND CARGO	TANKER	ABRIGED TUG BOAT	OTHER VESSEL		PASSENGER AND CARGO	TANKER	ABRIGED TUG BOAT	OTHER VESSEL	
NORWALK HARBOR, CONN. (CONTINUED)				INBOUND					OUTBOUND	
11 - - - - -		6	1	1	5			1		1
10 - - - - -		2	42	101	53		9	54		64
9 - - - - -			20	9	2		2	14		16
8 - - - - -			6	1			4	4		12
7 - - - - -			8				10	8		18
6 AND LESS - - - - -	962				962	961	5			1,217
TOTAL - - - - -	962	30	179	114	1,429	961	30	221	112	1,466
STAMFORD HARBOR, CONN.				INBOUND					OUTBOUND	
14 - - - - -		3			11					
13 - - - - -		4			26					
12 AND LESS - - - - -		53	149	112	29		59	371	920	63
TOTAL - - - - -		60	349	112	66		59	371	920	63
ANDREWS RIVER, MASS.				UPBOUND					DOWNBOUND	
TOTAL, 8 AND LESS - - - - -	1,449				1,449	1,449				1,449
ANNISQUAM RIVER, MASS.				UPBOUND					DOWNBOUND	
TOTAL, 5 AND LESS - - - - -	76				76	76				76
APRONAUG COVE, R. I.				NO VESSEL TRIPS REPORTED						
BAR HARBOR, MAINE				INBOUND					OUTBOUND	
TOTAL, 15 AND LESS - - - - -	813				813	811				811
BASS HARBOR, MAINE				INBOUND					OUTBOUND	
TOTAL, 8 AND LESS - - - - -	2,201				2,201	2,201				2,201
BEALS HARBOR, MAINE				NO VESSEL TRIPS REPORTED						
BELFAST HARBOR, MAINE				INBOUND					OUTBOUND	
TOTAL, 14 AND LESS - - - - -	45		36		81	45		41		86
BEVERLY HARBOR, MASS.				INBOUND					OUTBOUND	
TOTAL, 35 AND LESS - - - - -	310	1		2	313	309	1	4	2	316
BOTHMBAY HARBOR, MAINE				INBOUND					OUTBOUND	
TOTAL, 12 AND LESS - - - - -	1,187		4		1,191	1,187		2		1,189
BRANFORD HARBOR, CONN.				NO VESSEL TRIPS REPORTED						
BRISTOL HARBOR, R. I.				INBOUND					OUTBOUND	
TOTAL, 6 AND LESS - - - - -	881				881	881				881
BUNKER HARBOR, MAINE				NO VESSEL TRIPS REPORTED						
CAMDEN HARBOR, MAINE				INBOUND					OUTBOUND	
TOTAL, 13 AND LESS - - - - -	14				14	15				15
CANAPITSIT CHANNEL, MASS.				UPBOUND					DOWNBOUND	
TOTAL, 7 AND LESS - - - - -	4		6	9	19	2		3		5
CAPE PORPOISE HARBOR, MAINE				INBOUND					OUTBOUND	
TOTAL, 3 AND LESS - - - - -	170				170	170				170
CARVERS HARBOR, MAINE				INBOUND					OUTBOUND	
TOTAL, 9 AND LESS - - - - -	1,833				1,833	1,835				1,835
CHATHAM (STAGE) HARBOR, MASS.				INBOUND					OUTBOUND	
TOTAL, 12 AND LESS - - - - -	5,847		5		5,852	5,847		5		5,852
CLINTON HARBOR, CONN.				INBOUND					OUTBOUND	
TOTAL, 12 AND LESS - - - - -	1		4		5	1		2		3
COBSCOOK BAY, MAINE				NO VESSEL TRIPS REPORTED						
COMASSEY HARBOR, MASS.				NO VESSEL TRIPS REPORTED						



## NEW ENGLAND DIVISION

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## TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION						DIRECTION					
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	
DRAFT (FEET)												
COREA HARBOR, MAINE TOTAL, 4 AND LESS	163					163	163					163
CRIEHAIVEN HARBOR, MAINE	NO VESSEL TRIPS			REPORTED								
CROSS RIP SHOALS, NANTUCKET SOUND, MASS. TOTAL, 14 AND LESS	462	6	33			531	467	10	20			537
CUTTYHUNK HARBOR, MASS. TOTAL, 8 AND LESS	180		10			202	180		10			202
DANABISCOTTA RIVER, MAINE	NO VESSEL TRIPS			REPORTED								
DEER ISLAND THOROUGHFARE, MAINE TOTAL, 5 AND LESS	357					357	358					358
DORCHESTER BAY, MASS.	NO VESSEL TRIPS			REPORTED								
DUCK ISLAND HARBOR, CONN.	NO VESSEL TRIPS			REPORTED								
DUXBURY HARBOR, MASS.	NO VESSEL TRIPS			REPORTED								
EASTPORT HARBOR, MAINE TOTAL, 14 AND LESS	1,625					1,625	1,598					1,598
EDGARTOWN HARBOR, MASS. TOTAL, 6 AND LESS	16,806					16,806	16,806					16,806
ESSEX RIVER, MASS.	NO VESSEL TRIPS			REPORTED								
FALMOUTH HARBOR, MASS. TOTAL, 6 AND LESS	2,203					2,203	2,204					2,204
FIVEMILE RIVER HARBOR, CONN. TOTAL, 3 AND LESS	1					1	1					1
FORT POINT CHANNEL, MASS.	NO VESSEL TRIPS			REPORTED								
GLOUCESTER HARBOR, MASS. TOTAL, 22 AND LESS	14,906	278	1			15,186	14,892	279	1			15,172
GREAT SALT POND, BLOCK ISLAND, R. I. TOTAL, 12 AND LESS	52	32				85	52	26				79
GREEN HARBOR, MASS. TOTAL, 4 AND LESS	534					534	534					534
GREENWICH BAY, R. I.	NO VESSEL TRIPS			REPORTED								
GREENWICH HARBOR, CONN. TOTAL, 10 AND LESS	2,536		1			2,539	2,536		1			2,539
GUILFORD HARBOR, CONN. TOTAL, 4 AND LESS	67					67	67					67
HAMPTON HARBOR, V. I. TOTAL, 8 AND LESS	890		1			892	890		1			891
HARBOR OF REFUGE AT SANDY BAY, CAPE ANN, MASS. TOTAL, 11 AND LESS	165					165	165					165
HARBOR OF REFUGE, BLOCK ISLAND, R. I. TOTAL, 14 AND LESS	1,454		6			1,460	1,454		3			1,457
HARBOR OF REFUGE, NANTUCKET, MASS. TOTAL, 19 AND LESS	1,140	8	40			1,222	1,140	8	36			1,215

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## NEW ENGLAND DIVISION

## TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION						
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	
DRAFT (FEET)												
HARBOR OF REFUGE, POINT JUDITH AND POINT JUDITH POND, R. I. TOTAL, 10 AND LESS - - - - -	6,542			INBOUND		6,542	6,543			OUTBOUND		6,543
HARRASEEKEY RIVER, MAINE			NO VESSEL TRIPS	REPORTED								
HAY (WEST) HARBOR, N. Y. TOTAL, 9 AND LESS - - - - -	1,454	11		INBOUND		1,465	1,454	10		OUTBOUND		1,464
HEYDRICKS HARBOR, MAINE			NO VESSEL TRIPS	REPORTED								
HINGHAM HARBOR, MASS.			NO VESSEL TRIPS	REPORTED								
HYANNIS HARBOR, MASS. TOTAL, 11 AND LESS - - - - -	6,455			INBOUND		6,455	6,472			OUTBOUND		6,472
IPSWICH RIVER, MASS. TOTAL, 4 AND LESS - - - - -	1,100			UPBOUND		1,100	1,100			DOWNBOUND		1,100
ISLE AU HAUT THOROUGHFARE, MAINE TOTAL, 5 AND LESS - - - - -	883			NORTHBOUND		883	882			SOUTHBOUND		882
ISLE OF SHOALS HARBOR, ME. AND N. H.			NO VESSEL TRIPS	REPORTED								
JOSIAS RIVER, MAINE			NO VESSEL TRIPS	REPORTED								
KENNEBEC RIVER, MAINE TOTAL, 26 AND LESS - - - - -	70	5	12	UPBOUND	1	89	73	4	17	DOWNBOUND	1	96
KENNEBUNK RIVER, MAINE TOTAL, 6 AND LESS - - - - -	5			UPBOUND		5	5			DOWNBOUND		5
LUBEC CHANNEL, MAINE TOTAL, 10 AND LESS - - - - -	45			NORTHBOUND		45	41			SOUTHBOUND		41
LYNN HARBOR, MASS. TOTAL, 6 AND LESS - - - - -				INBOUND						OUTBOUND	1	1
MACHIAS RIVER, MAINE			NO VESSEL TRIPS	REPORTED								
MALDEN RIVER, MASS.			NO VESSEL TRIPS	REPORTED								
MANCHESTER HARBOR, MASS. TOTAL, 5 AND LESS - - - - -	27			INBOUND		27	27			OUTBOUND		27
MARBLEHEAD HARBOR, MASS.			NO VESSEL TRIPS	REPORTED								
MATINICUS HARBOR, MAINE TOTAL, 6 AND LESS - - - - -	169			INBOUND		169	167			OUTBOUND		167
MATTAPOISSETT HARBOR, MASS.			NO VESSEL TRIPS	REPORTED								
MEVENSMA CREEK, MARTHA'S VINEYARD, MASS.			NO VESSEL TRIPS	REPORTED								
MIANUS RIVER AND CO'S COB HARBOR, CONN.			NO VESSEL TRIPS	REPORTED								
MILFORD HARBOR, CONN.			NO VESSEL TRIPS	REPORTED								
MOOSABEC BAR, MAINE			NO VESSEL TRIPS	REPORTED								
MYSTIC RIVER, CONN. TOTAL, 10 AND LESS - - - - -	1,201		1	UPBOUND		1,202	1,201		1	DOWNBOUND		1,202
NARRAGANSETT RIVER, MAINE TOTAL, 8 AND LESS - - - - -	112			UPBOUND		112	112			DOWNBOUND		112
NEPONSET RIVER, MASS.			NO VESSEL TRIPS	REPORTED								

## NEW ENGLAND DIVISION

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## TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION						DIRECTION					
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS			SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	TOTAL	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	TOTAL
NEW BEDFORD AND FAIRHAVEN HARBOR, MASS. TOTAL, 27 AND LESS - - - - -	4,201	469	157	33	393	5,263	4,181	471	176	36	396	5,260
NEW HARBOR, MAINE	NO VESSEL TRIPS			REPORTED								
NEWBURYPORT HARBOR, MASS. TOTAL, 9 AND LESS - - - - -	1,791					1,791	1,791					1,791
NEWPORT HARBOR, R. I. TOTAL, 26 AND LESS - - - - -	3,285	2	511		13	3,801	3,281	2	494		12	3,789
NANTIC BAY AND HARBOR, CONN. TOTAL, 5 AND LESS - - - - -	154					154	154					154
NORTHEAST HARBOR, MAINE	NO VESSEL TRIPS			REPORTED								
OWLS HEAD HARBOR, MAINE	NO VESSEL TRIPS			REPORTED								
PATCHOGUE RIVER, CONN.	NO VESSEL TRIPS			REPORTED								
PANCATUCK RIVER, R. I. AND CONN. TOTAL, 14 AND LESS - - - - -			1			1			3			3
PIG ISLAND GUT, MAINE	NO VESSEL TRIPS			REPORTED								
PLEASANT BAY, MASS.	NO VESSEL TRIPS			REPORTED								
PLEASANT RIVER, MAINE	NO VESSEL TRIPS			REPORTED								
PLYMOUTH HARBOR, MASS. TOTAL, 12 AND LESS - - - - -	986	1	1			988	942	2	1			985
PROVINCETOWN HARBOR, MASS. TOTAL, 10 AND LESS - - - - -	4,529					4,529	4,529		2			4,531
RED BROOK HARBOR, BOURNE, MASS.	NO VESSEL TRIPS			REPORTED								
ROCKLAND HARBOR, MAINE TOTAL, 18 AND LESS - - - - -	3,792	19	10			3,821	3,786	18	8			3,812
ROCKPORT HARBOR, MAINE TOTAL, 12 AND LESS - - - - -			2			2			2			2
ROCKPORT HARBOR, MASS. TOTAL, 11 AND LESS - - - - -	165					165	165					165
ROYAL RIVER, MAINE	NO VESSEL TRIPS			REPORTED								
RYE HARBOR, NEW HAMPSHIRE TOTAL, 5 AND LESS - - - - -	426					426	426					426
SACO RIVER, MAINE	NO VESSEL TRIPS			REPORTED								
SANONNET RIVER AND HARBOR, R. I. TOTAL, 7 AND LESS - - - - -	54					54	54					54
SCARBORO RIVER, MAINE	NO VESSEL TRIPS			REPORTED								
SCITUATE HARBOR, MASS.	NO VESSEL TRIPS			REPORTED								
SEENONK RIVER, R. I.	NO VESSEL TRIPS			REPORTED								
SOUTH BRISTOL HARBOR, MAINE	NO VESSEL TRIPS			REPORTED								
SOUTHWEST HARBOR, MAINE TOTAL, 10 AND LESS - - - - -	67					67	67					67

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## NEW ENGLAND DIVISION

## TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION						
	SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS		TOTAL
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	
ST. CROIX RIVER, MAINE			NO VESSEL TRIPS	REPORTED								
STOCKTON HARBOR, MAINE			NO VESSEL TRIPS	REPORTED								
STONINGTON HARBOR, CONN.			NO VESSEL TRIPS	REPORTED								
STONINGTON HARBOR, MAINE TOTAL, 8 AND LESS	884			INBOUND		884	884			OUTBOUND		884
STONY CREEK, CONN. TOTAL, 3 AND LESS	11			UPBOUND		11	11			DOWNBOUND		11
TAUNTON RIVER, MASS.			NO VESSEL TRIPS	REPORTED								
TENANTS HARBOR, MAINE TOTAL, 8 AND LESS	133			INBOUND		133	136			OUTBOUND		136
THOMASTON HARBOR (GEORGES RIVER), MAINE			NO VESSEL TRIPS	REPORTED								
VINEYARD HAVEN HARBOR, MASS. TOTAL, 12 AND LESS	3,529	24	55	INBOUND 20	29	3,663	3,403	24	56	OUTBOUND 23	20	3,534
WAREHAM HARBOR, MASS.			NO VESSEL TRIPS	REPORTED								
WARREN RIVER, R. I. TOTAL, 6 AND LESS	11			UPBOUND		11	5			DOWNBOUND		5
WARRICK COVE, WARRICK, R. I.			NO VESSEL TRIPS	REPORTED								
WELLFLEET HARBOR, MASS. TOTAL, 9 AND LESS	660			INBOUND		660	660			OUTBOUND		660
WESTPORT HARBOR AND SAUGATUCK RIVER, CONN. TOTAL, 10 AND LESS		4		INBOUND		4		5		OUTBOUND		5
WESTPORT RIVER, MASS. TOTAL, 6 AND LESS	180		2	UPBOUND 4		186	180		2	DOWNBOUND 4		186
WEYMOUTH BACK RIVER, MASS. TOTAL, 34 AND LESS			NO VESSEL TRIPS	REPORTED								
WICKFORD HARBOR, R. I.			NO VESSEL TRIPS	REPORTED								
WINTHROP HARBOR, MASS.			NO VESSEL TRIPS	REPORTED								
WOOD ISLAND HARBOR, MAINE AND THE POOL AT BIDDEFORD			NO VESSEL TRIPS	REPORTED								
WOODS HOLE CHANNEL, MASS. TOTAL, 19 AND LESS	4,461		19	EASTBOUND 5	34	4,539	4,568		93	WESTBOUND 46	40	4,747
YORK HARBOR, MAINE			NO VESSEL TRIPS	REPORTED								
CHARLES RIVER, MASS. TOTAL, 12 AND LESS			3	INBOUND 47		50			3	OUTBOUND 47		50
ISLAND END RIVER, MASS. TOTAL, 24 AND LESS			11	INBOUND 6		17	1		9	OUTBOUND 6		16

# NEW YORK, N. Y., DISTRICT

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## TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION				
	SELF-PROPELLED VESSELS			NON SELF-PROPELLED VESSELS		SELF-PROPELLED VESSELS			NON SELF-PROPELLED VESSELS	
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER
PORT CHESTER HARBOR, N. Y.				INBOUND					OUTBOUND	
12 - - - - -		49	24		73		49	22		71
11 - - - - -		7	14	1	22		7	14		25
10 - - - - -		12	29	131	3		13	30	13	2
9 - - - - -			56	47	174			58		58
8 - - - - -		24	8		103		22	15		32
7 - - - - -		42	40		32		45	38		83
6 AND LESS - - - - -			1		3			3	159	3
TOTAL - - - - -		134	171	179	5		156	179	172	5
EAST CHESTER CREEK, N. Y.				INBOUND					OUTBOUND	
9 - - - - -	337	639		311	190	338	642		34	192
8 - - - - -	208	134		1	15	202	140			13
7 - - - - -	16	56			73	19	62			1
6 AND LESS - - - - -	86	1			207	69	1		272	204
TOTAL - - - - -	647	830		312	413	648	845		306	410
BROOK RIVER, N. Y.				INBOUND					OUTBOUND	
14 - - - - -			1		1			5		5
13 - - - - -			1		1			3		3
12 - - - - -			41	8	49			41		41
11 - - - - -				146	146				15	15
10 - - - - -			179	32	311			177	4	181
9 - - - - -			148	25	173			138	13	151
8 - - - - -			43	14	97			77	8	85
7 - - - - -	325		12	1	158	325		40	1	366
6 AND LESS - - - - -	3,010			53	1	3,010			120	3,339
TOTAL - - - - -	3,335		485	379	1	3,335		481	370	4,186
WESTCHESTER CREEK, N. Y.				INBOUND					OUTBOUND	
15 - - - - -				5	5				5	5
14 - - - - -		4		2	6		5			6
13 - - - - -		18	8	7	33		13	10	10	33
12 - - - - -		12	99	4	115		14	103	3	120
11 - - - - -		22	46	10	118		20	82	11	113
10 - - - - -		6	147	2	186		5	149	35	189
9 - - - - -		14	49	20	83		10	45	20	75
8 - - - - -		3	44	6	53		3	40	6	49
7 - - - - -		10	54	9	73		6	52	9	67
6 AND LESS - - - - -		36	9	93	134		34	7	2	98
TOTAL - - - - -		125	494	2	187		110	488	2	198
FLUSHING BAY AND CREEK, N. Y.				INBOUND					OUTBOUND	
15 - - - - -			2	5	4			2	2	9
14 - - - - -				25	25				24	24
13 - - - - -			4	34	38			6	31	37
12 - - - - -		1	279	6	286			301	4	305
11 - - - - -			48	136	8		1	54	18	84
10 - - - - -		9	170	467	5		6	191	514	5
9 - - - - -		2	149	37	192			192		3
8 - - - - -		1	42	34	122		1	90	27	4
7 - - - - -		7	215	5	217		7	226	3	236
6 AND LESS - - - - -			17	483	74			21	988	83
TOTAL - - - - -		20	976	1,562	166		15	1,073	1,547	175
HARLEM RIVER, N. Y.				INBOUND					OUTBOUND	
16 - - - - -				1	1					
14 - - - - -			1	10	11		2	1	9	12
13 - - - - -		3		23	26		2		24	26
12 AND LESS - - - - -		13	579	324	52		12	573	308	54
TOTAL - - - - -		16	580	324	86		16	574	308	87
HUDSON RIVER, N. Y. (LOWER SECTION)				INBOUND					OUTBOUND	
34 - - - - -	1				1					
31 - - - - -	1				1					
30 - - - - -	4				4					
29 - - - - -	3				3	1				1
28 - - - - -	5				5					
25 - - - - -						1				1
24 - - - - -	2				2	3				3
23 - - - - -	2			1	3					
22 - - - - -				3	1	1				1
21 - - - - -	3				7	1				2
19 - - - - -									1	1
18 AND LESS - - - - -	7	14	747	2	94	19	17	786	5	95
TOTAL - - - - -	30	14	757	7	95	27	17	786	5	96
HUDSON RIVER CHANNEL, N. Y. AND N. J.				INBOUND					OUTBOUND	
38 - - - - -	1				1	2				2
37 - - - - -	3				3	3				3
36 - - - - -	10				13	10	1			11

## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

## NEW YORK, N. Y., DISTRICT

## TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION						DIRECTION					
	SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS			SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS		
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	TOTAL	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	TOTAL
HUDSON RIVER CHANNEL, N. Y. AND N. J.	--(CONTINUED)--											
35	1			INBOUND						OUTBOUND		
34	32	1				33	3					3
33	39					39	25	1				26
32	30					30	19					19
31	43					43	28					28
30	26					26	41					41
29	70					70	20	1				21
28	63					63	86					86
27	44					44	40					40
26	74	1				75	75					75
25	18					18	60	1				61
24	17					17	19					19
23	12					12	20	1				21
22	18					18	11	1				12
21	12					12	19	1				16
20	2					2	11	1				12
19	2	1				3	10	2				12
18 AND LESS	6,407	107	10,315	2,135	689	19,653	6,390	95	10,033	2,146	669	19,333
TOTAL	6,920	111	10,315	2,135	689	20,170	6,909	105	10,033	2,146	669	19,862
EAST RIVER, N. Y.												
43			4	INBOUND						OUTBOUND		
42			6			6						
41			5			5						
40			3			3						
39			14			14						
38			14			14		4				4
37			5			5		1				1
36	1	1				2		1				1
35	1	9				10		2				2
34		11				11	1	1				2
33	1	2				3	1	2				3
32	2	4				6	2	2				4
31	11	4		1		16	2	1				3
30	14	6				20	6	6				12
29	4	3		2		9	6	6			4	16
28	13	3		1		17	16	9			1	26
27	24	8		3		35	29	4			3	36
26	38	1		6		44	21	12			9	42
25	47			1		48	32	2			9	43
24	54	1		8		64	41	11			8	60
23	48			2	2	52	37	5			1	43
22	45	1		8		54	46	10			2	58
21	41			1	9	51	41	2			7	50
20	40	2		1	17	60	40	8			26	68
19	35			2	7	44	47	1			7	55
18 AND LESS	9,913	1,368	11,370	3,918	1,188	27,357	9,556	1,493	11,403	3,902	1,142	27,496
TOTAL	9,932	1,467	11,370	3,925	1,258	27,952	9,926	1,583	11,403	3,902	1,213	28,027
NEWTOWN CREEK, N. Y.												
17				INBOUND						OUTBOUND		
16					1	1					1	1
15					4	4					5	5
14					5	5					5	5
13					7	7		2	1			3
12 AND LESS	1	39	8	3	18	60	32	10		5	18	65
TOTAL	1	437	2,457	1,260	612	4,767	1	43	125	3	105	276
	1	514	2,900	1,270	744	5,119	1	326	2,485	1,240	606	4,656
										1,248	740	5,013
BUTTERMILK CHANNEL, N. Y.												
39	2			INBOUND						OUTBOUND		
38	2					2	3					3
37	1					1	1					1
36	7					7	2					2
35	6					6	6					6
34	6					6	2					2
33	2					2	2					2
32	2					2	3					3
31	7					7	7					7
30	12					12	13	1				14
29	8				1	9	14					14
28	10					10	29				1	30
27	23					23	30					30
26	28				1	29	45	1				46
25	38	1			1	41	36					36
24	40				1	41	38	1			1	40
23	47					47	43	1				44
22	44					44	35					35
21	26					26	39					39
20	25				2	27	24		1			25
19	34				1	35	25					25
18 AND LESS	188	259	4,095	313	222	5,077	172	271	4,249	307	251	5,250
TOTAL	570	263	4,095	313	229	5,470	567	276	4,250	307	253	5,653
DAY RIDGE AND RED HOOK CHANNELS, N. Y.												
33	1			INBOUND						OUTBOUND		
32	2					2	1					1

## TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					TOTAL	DIRECTION					TOTAL
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS			SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		
	PASSENGER AND DRY CARGO	TANKER	TUGBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TUGBOAT OR TUGBOAT	DRY CARGO	TANKER	
DRAFT (FEET)												
BAY RIDGE AND RED HOOK CHANNELS, N. Y. --(CONTINUED)												
				INBOUND						OUTBOUND		
31	11					11	12					12
30	10					10	7					7
29	12					12	19				1	18
28	16					16	14					18
27	16					16	15					15
26	16					16	22					22
25	21					21	15					15
24	14					14	21				1	22
23	0			1		1	18					18
22	16					16	10					10
21	16					16	20					20
20	17					17	11					11
19	16					16	16					16
18 AND LESS	250	312	7,954	741	501	9,765	248	325	7,875	742	415	9,605
TOTAL	443	312	7,956	742	501	9,954	450	325	7,875	742	417	9,609
GOWANUS CREEK CHANNEL, N. Y.												
				INBOUND						OUTBOUND		
31	3	9				12	6	1				7
30	3	1				4	8					8
29	9	1				10	18					18
28	14				1	15	15	1				16
27	19					20	14	1			1	16
26	28				3	31	15	2			2	19
25	18				3	21	11	3			4	18
24	13				3	16	12	3				15
23	11				1	12	15				4	19
22	9				1	10	7	2				9
21	5					5	5					5
20	9				8	17	11	3			8	22
19	1				5	6	5	1			1	7
18 AND LESS	203	506	2,947	390	397	4,443	198	512	2,864	370	389	4,333
TOTAL	341	517	2,947	390	423	4,618	340	529	2,864	370	409	4,512
COVEY ISLAND CHANNEL, N. Y.												
				EASTBOUND						WESTBOUND		
17		2			1	2						
16		4			9	9						
15					9	9						
14		19	4		35	54			2		1	3
13		13	66		160	239			74		3	77
12		238	118		245	631			102		5	107
11		48	162	237	103	353		4	147	17		168
10		38	322	155	39	624			374		2	376
9		3	207	5	29	304		16	373		1	390
8		1	35	1	38	74		161	31		1	193
7		2	45		3	50		130	73		1	204
6		10	25		1	36			25		3	28
5					1	1		12			1	22
4								50		1	1	114
3					5	5		54			495	529
2										180	90	470
TOTAL		398	1,214	398	709	2,709		387	1,201	398	695	2,681
EAST ROCKAWAY INLET, N. Y.												
				UPBOUND						DOWNBOUND		
15		3			1	3						
14		239			239	239						
13		226	8		4	238			10			10
12		40	31		17	88		73	27		1	101
11		13	18		11	42			18			19
10		2	16		14	52			45			134
9		83	17		1	121		297	28	3		328
8			1			1		181	1	1		923
7	740					741	740	37				37
6 AND LESS	1,785	185	2			1,972	1,785	102	2		47	1,936
TOTAL	2,525	791	133		47	3,496	2,525	779	131	4	49	3,488
JAMAICA BAY, N. Y.												
				INBOUND						OUTBOUND		
17		73				73		176			1	177
16		2				2		2			1	3
15					5	5						5
14		10	4		17	31		8	4		20	52
13		18	74		43	135		65	21		80	216
12 AND LESS	9,466	512	1,145	398	609	12,130	9,466	308	1,187	398	603	12,022
TOTAL	9,466	615	1,243	398	714	12,436	9,466	619	1,262	398	710	12,455
RARITAN RIVER, N. J.												
				INBOUND						OUTBOUND		
27		4			1	5		5			2	7
26		1			5	6		2			8	10
25					4	4					2	2
24		2			2	4					7	7
23					4	4					2	2
22					1	1					4	4
21					6	6					8	8
20					22	22					15	15
19					6	6					7	7

## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

## NEW YORK, N. Y., DISTRICT

## TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					TOTAL	DIRECTION					TOTAL
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS			SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	
DRAFT (FEET)												
RARITAN RIVER, N. J.--(CONTINUED)												
				INBOUND						OUTBOUND		
16 - - - - -					14	14					168	368
17 - - - - -					16	16					36	36
18 - - - - -					5	5					137	138
15 - - - - -			20		10	30		1		16	16	32
14 - - - - -		2	14		34	50		5		14	136	155
13 - - - - -		4	352		47	403		1	369		76	449
12 AND LESS - - - - -	16	1,433		151	996	2,596	12	1,431		143	358	1,944
TOTAL - - - - -		29	1,819	151	1,173	3,172		26	1,830	146	1,182	3,184
UPPER BAY, NEW YORK HARBOR, N. Y. AND N. J.												
				INBOUND						OUTBOUND		
48 - - - - -		1				1						
47 - - - - -		2				2						1
46 - - - - -		47				47		1				
45 - - - - -		43				43		2				2
44 - - - - -		28				28		1				1
43 - - - - -		15				15						
42 - - - - -		20				20						
41 - - - - -		26				26		1				1
40 - - - - -		37				37						
39 - - - - -		95				95		2				2
38 - - - - -		59			1	60		5				5
37 - - - - -		79	1			80	2	16	1			19
36 - - - - -		66				66		21				21
35 - - - - -	4	58			2	62	7	24				33
34 - - - - -		33				33	3	18				21
33 - - - - -	2	22			1	25	9	19				28
32 - - - - -	7	23				30	14	27				41
31 - - - - -	21	16				37	21	27				48
30 - - - - -	10	11				21	6	33			1	40
29 - - - - -	14	12			1	27	18	28				46
28 - - - - -	4	16			4	24	5	122			12	139
27 - - - - -	5	13			8	26	3	22			18	43
26 - - - - -	6	12			24	42	4	48			42	94
25 - - - - -	9	6			24	39	4	19			29	52
24 - - - - -	7	8			24	39	2	42			29	73
23 - - - - -	4	3			9	16	4	16			15	37
22 - - - - -	8	7			11	26	4	16			20	40
21 - - - - -	7	4			45	56	3	10			60	73
20 - - - - -	901	2		1	71	875	800	16			82	498
19 - - - - -	9	2			26	37	3	6			36	45
18 AND LESS - - - - -	26,152	400	18,168	1,768	2,488	48,976	26,139	442	18,058	1,748	2,300	48,687
TOTAL - - - - -	27,070	1,166	18,169	1,769	2,739	58,913	27,051	988	18,059	1,748	2,644	58,490
NEWARK BAY, N. J.												
				INBOUND						OUTBOUND		
39 - - - - -	28					28	30	1				31
38 - - - - -	26					26	23					23
37 - - - - -	9					9	5					5
36 - - - - -	51					51	61					61
35 - - - - -	69	5				74	86	3				89
34 - - - - -	70					70	85					85
33 - - - - -	66	3				69	73	1				74
32 - - - - -	88	2				90	104	3				107
31 - - - - -	80	5				85	103	3				106
30 - - - - -	106	1				107	118	4				122
29 - - - - -	168	3				171	165	2				167
28 - - - - -	202	3				205	186	3				189
27 - - - - -	174	8			1	183	204	1				207
26 - - - - -	152	4			1	157	211	12			1	224
25 - - - - -	123	3				126	177	4			2	183
24 - - - - -	225	8			2	233	122	6			6	134
23 - - - - -	106	3				109	107	3				110
22 - - - - -	114	1				115	122	4				126
21 - - - - -	67	1			1	69	62				3	65
20 - - - - -	76	1			1	78	67				2	69
19 - - - - -	49	1			2	52	35	1			1	37
18 AND LESS - - - - -	334	656	9,156	317	1,531	11,994	318	862	9,084	314	1,528	11,906
TOTAL - - - - -	2,383	708	9,156	317	1,539	14,103	2,466	713	9,084	314	1,543	14,120
HACKENSACK RIVER, N. J.												
				INBOUND						OUTBOUND		
21 - - - - -					1	1						
20 - - - - -					1	1					1	1
19 - - - - -				21		21				22		22
18 AND LESS - - - - -	6	449	1,124	818	349	2,746	8	435	1,129	803	356	2,731
TOTAL - - - - -	6	449	1,124	839	351	2,760	8	435	1,129	825	357	2,754
PASSAIC RIVER, N. J.												
				INBOUND						OUTBOUND		
33 - - - - -		5				5		2				2
32 - - - - -		13				13		1				1
31 - - - - -		1				1	1	1				2
30 - - - - -		2				2		9				5
29 - - - - -		4				4		1				1
28 - - - - -		2				2		2				2
27 - - - - -								9			1	10
26 - - - - -		11				11		8			3	11
25 - - - - -		3			1	4		8				8



## TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION				
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS	
DRAFT (FEET)	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER
PASSAIC RIVER, N. J.--(CONTINUED)										
24		1		INBOUND		1	7		OUTBOUND	
23		1			1		5		1	2
22		1			7		4			4
21		23			3		4		18	22
20		1			5		4		4	8
19		2	21		59		3	14	7	24
18	1	9		1	10		38		26	64
17		3	6	1	13		16	6	13	37
16		2			4		33		1	65
15		7	32		17		12	39	125	176
14	1	50	149	2	51		126	159	3	170
13		37	345	1	91		91	367	3	221
12 AND LESS	3	714	2,632	174	1,273	3	306	2,708	372	929
TOTAL	5	891	3,145	179	1,536	5	886	3,295	379	1,585
NEW YORK AND NEW JERSEY CHANNELS, N. Y. AND N. J.										
48		3		INBOUND			2		OUTBOUND	
47		9			9		10			10
46		2			2		4			4
45		71			71		34			34
44		36			36		9			9
43		7			7					
42	1	28			29		19			19
41	1	18			19	2	9			11
40	1	20			21	1	12			13
39		43			43	1	11			12
38		60			60		12		1	13
37	2	106	22		135		39	16		55
36	12	72		1	84	1	23			25
35	9	74			85		30		1	39
34	19	96			116	19	21			40
33	7	52			62	11	41		1	43
32	44	58			105	38	23		1	63
31	34	57			93	37	25	1		68
30	60	42			103	51	29		1	81
29	40	33			80	47	29		8	84
28	30	36	1	1	72	33	146		12	191
27	34	33	1	4	88	28	46	2	17	93
26	24	30	1	1	77	36	92	3	33	164
25	29	31			96	44	43		37	124
24	11	32			93	11	203		2	325
23	29	28			108	6	53		1	40
22	1	27			58	3	48		1	109
21	4	19		2	82	2	53		3	166
20	2	19	1		93		58	1	1	139
19	1	15		29	51	1	10		21	142
18 AND LESS	2,104	9,302	35,392	6,279	13,131	2,077	5,160	34,847	6,138	12,745
TOTAL	2,499	6,459	35,419	6,317	13,558	2,458	6,304	34,870	6,168	13,373
RARITAN RIVER TO ARTHUR KILL CUT OFF CHANNEL, N. J.										
22				UPBOUND					DOWNBOUND	
21					17				23	23
20					8				5	5
19					17				15	15
18					6				7	7
17					20				15	15
16					22				14	14
15					18				5	5
14		17			12		16		6	22
13	4	12			21	3	14		46	63
12	4	252			47	1	256		91	308
11	4	377			23		369		75	444
10	1	338		1	24		307		37	396
9	1	310		3	16		284		57	393
8	2	115		2	4	2	115		4	126
7	2	91		3	5	8	84		46	144
6	3	27			4	1	15		2	20
5	1	22			23		16			16
4					9				6	6
3				33	66		1		39	40
2				1	236				139	139
TOTAL		22	1,541	144	978		16	1,476	146	487
NEW YORK HARBOR, N. Y. LOWER ENTRANCE CHANNELS										
48		4		INBOUND			2		OUTBOUND	
47		11			11		11			11
46	1	52			53	1	4			5
45	1	116			117	1	38			37
44	1	65			66		10			10
43		26			26					
42	1	55			56	1	19			20
41	4	53			57	6	10			16
40	14	62			76	13	12			25
39	11	155			166	19	15			30
38	29	134			163	26	18			44

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## NEW YORK, N. Y., DISTRICT

## TRIPS AND DRAFTS OF VESSELS

DRAFT - FEET	DIRECTION					TOTAL	DIRECTION					TOTAL
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS			SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	
NEW YORK HARBOR, N. Y., LOWER ENTRANCE CHANNELS--(CONTINUED)												
37	15	194	13	INBOUND		4	226	11	51	10	OUTBOUND	72
36	81	143		1		2	229	74	45			121
35	90	135				2	227	140	32			141
34	124	139				1	264	135	36			171
33	114	68				1	183	137	46			183
32	177	83				2	262	191	44		1	236
31	217	95				3	315	243	39		2	284
30	255	58				1	314	236	64			301
29	346	49				3	398	375	50		1	425
28	374	65	1	1		441	351	278			5	634
27	346	53	1		4	404	403	84		22	2	512
26	383	50	1		3	437	361	170	1	12	6	552
25	337	38			8	383	414	108		13	16	551
24	420	44			19	463	284	229		2	12	557
23	251	30		4	10	325	253	85			17	355
22	256	25		2	16	299	287	107		1	10	405
21	166	48		7	20	261	194	79		3	14	290
20	195	20	1	1	13	239	185	96			6	289
19	153	14	22		79	268	139	31	2		5	189
18	456	2,327	3,125	107	1,223	7,414	685	2,464	2,413	70	1,305	6,937
TOTAL	5,068	4,411	3,144	123	1,398	14,164	5,132	4,305	2,443	124	1,401	13,405
HUDSON RIVER, N. Y., DEEPWATER IN UPPER BAY, N. Y., TO WATERFORD, N. Y., FOREIGN AND COASTWISE												
45			1	UPBOUND		1				DOWNBOUND		
44			3			3						
43			1			1						
42						1						
41	1					2						2
40	3	6				9	3	2				5
39	10	3				13	10	1				11
38	1	7				8	3					3
37	33	4				37	25	1				26
36	35	1				36	39	2				41
35	31	1				32	29					29
34	50	25				75	59	6				65
33	39	11				50	25	5				30
32	90	7				97	90	5				95
31	27	10				95	49	3				52
30	52	6				54	83	3		31	2	119
29	89	3				92	67	15		18		100
28	49	6			2	57	27	32		12		71
27	48	5			2	55	33	11				44
26	24	1		1		25	20	13				33
25	23			2		24	58	8				66
24	10	5		4	12	39	26	8				34
23	15	1			3	19	18	6				24
22	7	1			5	13	6					13
21	80	13	675	1,133	80	1,751	102	23	607	1,044	122	1,898
18 AND LESS												
TOTAL	775	129	675	1,110	127	2,796	774	151	607	1,105	124	2,761
HUDSON RIVER, N. Y., DEEPWATER IN UPPER BAY, N. Y., TO WATERFORD, N. Y., INTERNAL												
34		2	UPBOUND		2	DOWNBOUND						
33		1			1							
32		3			3							
31		10			10							
30		4			4							
29		4			4							
28		2			2							
27		1			1							
26		2			2							
25		1			1							
24		2			2							
23		1			1							
22												
21												
20												
19												
18	8,030	402	14,317	6,236	2,894	31,839	4,675	409	13,975	6,460	2,813	28,332
TOTAL	8,030	436	14,317	6,236	2,985	32,004	4,675	412	13,975	6,475	2,814	28,351
HUDSON RIVER, N. Y., MOUTH OF SPUYTEN KILL CREEK (HUDSON RIVER) TO WATERFORD, N. Y.												
34	1	25	UPBOUND		26	DOWNBOUND						
33		2			2							
32	1	4			5							
31	7	35			42	18	6					
30	13	15			28	5	4					
29	20	11			33	4	5					
28	14	20			34	9	4					
27	8	7			10	25	3					
26	15	5			11	31	7		36	2		
25	31	7			11	48	12		19			
24	31	7			29	13	10		12			

## TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION				
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS	
	PASSENGER AND DRY CARGO	TANKER	TUGBOAT OR TUGBOAT	DRY CARGO	TANKER	PASSENGER AND DRY CARGO	TANKER	TUGBOAT OR TUGBOAT	DRY CARGO	TANKER
HUDSON RIVER, N. Y., MOUTH OF SPUYTEN DUYVIL CREEK (HARLEM RIVER) TO WATERFORD, N. Y.--(CONTINUED)				UPBOUND					DOWNBOUND	
23 -	12	2		1	3	9	12			21
22 -	5			2	8	43	7			56
21 -	5	5		4	36	15	8			73
20 -	13				13	8	4			12
19 -	5	1			33	39	1		9	17
18 -	5	7		1	125	138	18		31	55
17 -	9	26	21		56	108	8	25	2	39
16 -	2	48	3		79	132	3	2		39
15 -		6	41	1	237	285	4	13	5	15
14 -		34	109	56	289	488	3	119	1	72
13 -		59	440	10	421	954	5	3	7	131
12 AND LESS -	133	135	4,876	5,211	1,041	2,140	296	4,464	5,294	486
TOTAL -	327	461	5,510	5,286	2,406	2,334	449	5,114	5,416	14,350
TARRYTOWN HARBOR, N. Y.				INBOUND					OUTBOUND	
13 -					5					7
12 -		1	9	43	9		7			32
11 -			6	208	6		10		22	29
10 -			23	72	5		29			192
9 -			124		2		190			16
8 -			24	2			15			11
7 -			10				10			149
6 AND LESS -							1		323	26
TOTAL -		1	266	145	27		1	262	145	634
ROXBURY HARBOR, N. Y.				INBOUND					OUTBOUND	
14 -					14					
13 -					9					45
12 -			37		1		38			7
11 -			11				11			339
10 -			27				27			47
9 -			43	57			100			22
8 -			16				16			5
7 -			5				5			36
6 AND LESS -			1	292	1		294		10	25
TOTAL -			140	149	25		144		349	518
PORT OF ALBANY, N. Y.				INBOUND					OUTBOUND	
32 -			6							16
31 -			24				16			3
30 -			11				3			3
29 -			7				2			9
28 -			19				7			10
27 -			7				8			14
26 -			4				4			39
25 -			7				39			14
24 -			6				7			13
23 -			2				2			42
22 -			5				14			10
21 -			5	1			37			10
20 -			12	1	26		33			6
19 -			5				19			9
18 -			1				31			14
17 -			7				31			13
16 -			15				58			32
15 -			29				91			24
14 -			16				162			149
13 -			10				134			2,763
12 AND LESS -			13	5	178		746			3,193
TOTAL -			3	7	1,097		2,702			
FEDERAL LOCK, TROY, N. Y.				NORTHBOUND					SOUTHBOUND	
13 -					25					91
12 -					115					111
11 -					69					9
10 -					504					287
9 -					212					268
8 -					57					153
7 -					7					205
6 -					3					119
5 -					10					76
4 -					6					18
3 -					4					5
2 -					4					
TOTAL -				93	466				93	528
NARROWS OF LAKE CHAMPLAIN, N. Y. AND VT.				UPBOUND					DOWNBOUND	
13 -										2
12 -					22					16
11 -					26					151
10 -					220					
TOTAL -				31	142					

## NEW YORK, N. Y., DISTRICT

## TRIPS AND DRAFTS OF VESSELS

DRAFT - FEET	SELF-PROPELLED VESSELS			DIRECTION		TOTAL	SELF-PROPELLED VESSELS			DIRECTION		TOTAL
	PASSENGER AND TUGBOAT	TANKER	TOWBOAT OR TUGBOAT	UPBOUND	DOWNBOUND		PASSENGER AND TUGBOAT	TANKER	TOWBOAT OR TUGBOAT	UPBOUND	DOWNBOUND	
NARROWS OF LAKE CHARLESTON, N. Y.												
0 -				UPBOUND	4	159			164	DOWNBOUND	1	165
1 -		3	102		2	12					1	9
2 -			10		2	2						
3 -					1	1	3	32			249	284
4 AND LESS -											251	627
TOTAL -		34	326		255	615	3	32	341		251	627
HENRISTAD HARBOR, N. Y.												
15 -		4	2	INBOUND	10	17			4	OUTBOUND		4
14 -		2	12		9	23			12			12
13 -		4	27		52	83			27			28
12 -		6	129		45	180		1	139	1,028	1	1,168
11 -		4	40	97	69	210			34	83	2	123
10 -		1	264	266	18	539			251	519	1	771
9 -			345	31	4	162		4	379			383
8 -			174	5	6	200		1	192		1	194
7 -			246	1	247	247		2	237		1	233
6 AND LESS -				1,566	1	1,566		13		407	205	625
TOTAL -		21	1,249	1,968	214	3,452		21	1,272	2,037	211	3,541
PORT JEFFERSON HARBOR, N. Y.												
38 -		2		INBOUND	2			1		OUTBOUND		1
37 -		1			1							
36 -		2			2							
35 -		2			2			1				1
34 -		2			2							
33 -		2			2							
32 -		1			1			1				1
31 -		1			1							
30 -		1			1			1				1
29 -					1							
28 -		1			4			6				6
27 -		5			1	6						
26 -					10	10		5				5
25 -		3			6	9		1				1
24 -		7			5	12		5				5
23 -		2			2	4		1				1
22 -		1			4	4		4				4
21 -		32			1	33		2				2
20 -		1			3	4		5				5
19 -					10	10		1				1
18 -		2			11	13		4				4
17 -		1	10		13	24			12			12
16 -	1	6	3		15	45		30	1			31
15 -		1	25		63	89		4	19			24
14 -		16	18		71	105		4	22		1	28
13 -		32	79		79	160		1	67		2	68
12 AND LESS -	2,462	7	572	169	153	3,163	2,462	60	560	170	457	3,709
TOTAL -	2,463	129	717	169	472	3,940	2,462	136	681	170	461	3,910
GLEN COVE CREEK, N. Y.												
12 -			10	UPBOUND	2	18			16	DOWNBOUND		16
11 -		2	23		35	60			17	7	2	26
10 -		1	11		180	4			33			33
9 -					2	4			55			55
8 -					10	6			34			36
7 -					42	62		2	60			62
6 AND LESS -					1	1		1	60	200	15	210
TOTAL -		3	219		217	456		3	217	207	17	444
BROWNS CREEK, N. Y.												
TOTAL, 10 AND LESS -	6,183			UPBOUND		6,183	6,183			DOWNBOUND		6,183
BURLINGTON HARBOR, N. Y.												
TOTAL, 12 AND LESS -	773	14	100	INBOUND	88	975	773	14	126	OUTBOUND	87	1,000
CHERSEJUNK CREEK, N. Y.												
				NO VESSEL TRIPS REPORTED								
CONY ISLAND CREEK, N. Y.												
TOTAL, 13 AND LESS -			30	INBOUND		30			30	OUTBOUND		30
LONG BAY HARBOR, N. Y.												
				NO VESSEL TRIPS REPORTED								
ELIZABETH RIVER, N. Y.												
				NO VESSEL TRIPS REPORTED								
FIRE ISLAND INLET, N. Y.												
TOTAL, 13 AND LESS -	8,605	38	2	UPBOUND		8,645	8,605	38		DOWNBOUND	1	8,644
GLEN COVE HARBOR, N. Y.												
				NO VESSEL TRIPS REPORTED								

## TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION						DIRECTION					
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS			SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	TOTAL	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	TOTAL
GREAT KILLS HARBOR, STATEN ISLAND, N. Y. TOTAL, 5 AND LESS - - - - -	1,219			INBOUND		1,219	1,219			OUTBOUND		1,219
GREAT SOUTH BAY, N. Y. TOTAL, 13 AND LESS - - - - -	43,604	38	2	UPBOUND		43,644	43,224	38		DOWNBOUND	1	43,263
GREENPORT HARBOR, N. Y. TOTAL, 13 AND LESS - - - - -	25,978	1	19	INBOUND	17	25,915	25,876	1	18	OUTBOUND	17	25,912
HUNTINGTON HARBOR, N. Y. TOTAL, 11 AND LESS - - - - -	1,210		2	INBOUND	139	1,352	1,212		2	OUTBOUND	138	1,353
JONES INLET, N. Y. TOTAL, 13 AND LESS - - - - -	13,491		5	UPBOUND	2	13,499	13,490		1	DOWNBOUND	4	13,495
KEYPORT HARBOR, N. J. TOTAL, 4 AND LESS - - - - -	440			INBOUND		440	440			OUTBOUND		440
LAKE MONTAUK HARBOR, N. Y. TOTAL, 10 AND LESS - - - - -	59,919			INBOUND		59,919	59,920			OUTBOUND		59,920
LARCHMONT HARBOR, N. Y.	NO VESSEL TRIPS REPORTED											
LEMON CREEK, STATEN ISLAND, N. Y.	NO VESSEL TRIPS REPORTED											
LONG ISLAND INTRACASTAL RTWY, N. Y. TOTAL, 8 AND LESS - - - - -	17,031			UPBOUND		17,031	16,901			DOWNBOUND		16,901
MANARONECK HARBOR, N. Y.	NO VESSEL TRIPS REPORTED											
MANHASSET BAY, N. Y. TOTAL, 12 AND LESS - - - - -	1		161	INBOUND	79	241	1		159	OUTBOUND	88	248
MATTITUCK HARBOR, N. Y. TOTAL, 9 AND LESS - - - - -	2,120		4	INBOUND		2,124	2,120		4	OUTBOUND		2,124
NEW ROCHELLE HARBOR, N. Y. TOTAL, 5 AND LESS - - - - -	1,090			INBOUND		1,090	1,090			OUTBOUND		1,090
NORTHPORT HARBOR, N. Y. TOTAL, 10 AND LESS - - - - -	11		88	INBOUND	1	100	11		102	OUTBOUND		113
ORONOCO CREEK, N. Y. TOTAL, 8 AND LESS - - - - -	9,155			UPBOUND		9,155	9,155			DOWNBOUND		9,155
PATCHOGUE RIVER, N. Y. TOTAL, 10 AND LESS - - - - -	2,243	38		UPBOUND		2,281	2,243	38		DOWNBOUND		2,281
PECONIC RIVER, N. Y. TOTAL, 4 AND LESS - - - - -	65			UPBOUND		65	65			DOWNBOUND		65
PEEKSKILL HARBOR, N. Y.	NO VESSEL TRIPS REPORTED											
PORT HENRY HARBOR, N. Y. TOTAL, 12 AND LESS - - - - -			10	INBOUND	7	17			12	OUTBOUND	6	18
RAHWAY RIVER, N. J. TOTAL, 11 AND LESS - - - - -			145	UPBOUND	128	273			118	DOWNBOUND	122	240
ROUSES POINT, N. Y.	NO VESSEL TRIPS REPORTED											
SAG HARBOR, N. Y. TOTAL, 12 AND LESS - - - - -			15	INBOUND	15	30			13	OUTBOUND	16	29
SANDY HOOK BAY AT LEONARDO, N. J. TOTAL, 12 AND LESS - - - - -			2	INBOUND		2		2	2	OUTBOUND		4
SANDY HOOK BAY, N. J. TOTAL, 9 AND LESS - - - - -	4,675			INBOUND		4,675	4,675			OUTBOUND		4,675

## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

## NEW YORK, N. Y., DISTRICT

## TRIPS AND DRAFTS OF VESSELS

DRAFT (FEET)	SELF PROPELLED VESSELS			DIRECTION		TOTAL	SELF PROPELLED VESSELS			DIRECTION		TOTAL
	PASSENGER AND DRY CARGO	TANKER	TUGBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TUGBOAT OR TUGBOAT	DRY CARGO	TANKER	
SAUGERTIES MARSH, N. Y.	NO VESSEL TRIPS REPORTED			REPORTED								
SHARK RIVER, N. Y.				UPBOUND						DOWNBOUND		
TOTAL, 6 AND LESS	16,720					16,720	16,720					16,720
SHEEPSHEAD BAY, N. Y.				INBOUND						OUTBOUND		
TOTAL, 13 AND LESS	9,236	79	3			9,318	9,237	62	1			9,320
SHINNECOCK INLET, N. Y.				UPBOUND						DOWNBOUND		
TOTAL, 4 AND LESS	430					430	430					430
SHOAL HARBOR AND CUMPTON CREEK, N. Y.				INBOUND						OUTBOUND		
TOTAL, 12 AND LESS		11	9		7	27		12	9		8	29
SURESLY RIVER, N. Y.				UPBOUND						DOWNBOUND		
TOTAL, 6 AND LESS	5,960	1				5,961	5,960					5,960
HALLANDT CHANNEL, N. Y.	NO VESSEL TRIPS REPORTED			REPORTED								
HAYCAKE CREEK, N. Y.	NO VESSEL TRIPS REPORTED			REPORTED								
JOHNS CANAL, N. Y.				UPBOUND						DOWNBOUND		
TOTAL, 14 AND LESS		360	346	266	33	1,025		360	382	259	34	1,035
GRAVESEND BAY, N. Y.				UPBOUND						DOWNBOUND		
TOTAL, 46 AND LESS	50	41	1,851	231	176	2,149	50	34	1,866	235	175	2,360
LONG ISLAND SOUND, N. Y.				INBOUND						OUTBOUND		
TOTAL, 15 AND LESS	4,424		12		4	4,460	4,427		27		2	4,456
OYSTER BAY, N. Y.				INBOUND						OUTBOUND		
TOTAL, 17 AND LESS		60	336	261	86	743		57	300	264	81	702
SANDY HOOK BAY, N. Y.				INBOUND						OUTBOUND		
TOTAL, 32 AND LESS	5,779	21	46		2	6,048	5,981	22	54		3	6,060

# PHILADELPHIA, PA., DISTRICT

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## TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION				
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			TOTAL
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	
DELAWARE RIVER, TRENTON, N. J. TO THE SEA (CONSOLIDATED REPORT) FOREIGN AND COASTWISE										
						UPBOUND				DOWNBOUND
49		51				51		2		2
48		10				10		1		1
47		10				10		1		1
46		9				9		3		3
45		8				8		3		3
44		9				9		3		3
43		7				7		3		3
42		14				14				
41	4	19				23		1		1
40	27	85				112		2		2
39	32	132				164	3	4		7
38	6	162			4	172	25	12		42
37	3	107	9		1	120	21	14	0	44
36	6	84				90	72	29		102
35	10	100				110	50	29		42
34	23	78				101	65	9		95
33	31	44		1		76	40	45	1	88
32	55	46				101	43	61		106
31	53	34			1	88	31	58		143
30	70	49			1	120	64	122		193
29	96	29				125	64	60		144
28	99	14				113	144	74		222
27	110	42	1	11	3	167	124	117	1	258
26	158	27			4	189	171	160		343
25	232	29	1	1	10	244	189	123		349
24	189	44		1	10	244	200	196	4	422
23	193	21		3	5	222	157	74	1	275
22	206	26		1	5	244	189	45	1	275
21	135	11		3	4	153	131	98	10	242
20	132	14		6	6	158	117	38	1	179
19	96	11	14		4	125	74	20	21	216
18 AND LESS	166	271	1,322	50	776	2,725	228	173	1,419	2,452
TOTAL	2,242	1,617	1,347	79	836	4,121	2,234	1,594	1,453	6,287
DELAWARE RIVER, TRENTON, N. J. TO THE SEA (CONSOLIDATED REPORT) INTERNAL						UPBOUND				DOWNBOUND
38		1				1				2
37		1	1			2		1	1	2
36		1				6	1			1
35		4				6		2		2
34		2				28		1		1
33		4				7				1
32		2				7				
31		1				2		1		1
30		4				18		2		2
29	1	1				23		2		4
28	1	7				28		5		6
27	1	2	1			14	2	4		7
26		4				25		13		27
25	2	7				32	6	8		16
24		2		1		19	6	8		26
23		3				15	3	5		7
22		2		1	19	22	1	6	1	13
21		10		2	19	31		4		11
20		4			26	30		3		17
19					76	76				79
18 AND LESS	18,988	27	14,127	1,151	5,210	39,103	21,562	25	13,902	41,828
TOTAL	18,993	89	14,129	1,155	5,374	39,740	21,590	91	13,903	42,047
DELAWARE RIVER BETWEEN PHILADELPHIA, PA., AND TRENTON, N. J.						UPBOUND				DOWNBOUND
39	25	7				32				
38	4	8			1	13	3	1		5
37	1	7				9			2	2
36	2	8	1			10	1	1		2
35	2	6				8				
34	6	6				12	2	1		3
33	4	6				10	1	4		6
32	16	3				19	3	4	1	7
31	12	4				16	9	1		10
30	25	6				31	21	9		30
29	32	3				35	40	4	1	45
28	32	5			1	38	18	9	2	49
27	29	10	1		1	41	36	9	1	46
26	46	7			3	56	47	11		58
25	56	8			3	67	75	11		56
24	49	10			4	63	58	21	1	80
23	46	5				51	47	9		71
22	60	6		1	1	77	47	5		72
21	48	6			2	54	43	5		49
20	38	1		2	5	46	41	6	1	50
19	27				15	42	28	1	22	51
18	22	1			10	33	16	6		31
17	17				46	56	15		7	34
16	12		1		130	171	7	6	60	98
15	2		345		72	54	7		13	392
14	6		33			86	4		1	87

## PHILADELPHIA, PA., DISTRICT

## TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION						
	SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS		TOTAL
	PASSENGER AND DRY CARGO	TANKER	TUGBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TUGBOAT OR TUGBOAT	DRY CARGO	TANKER	
DELAWARE RIVER BETWEEN PHILADELPHIA, PA., AND TRENTON, N. J.--(CONTINUED)												
13 -	1		140		101	282		159				198
12 AND LESS--	4	2	1,078	236	808	1,924	2	2	1,065	195	754	2,220
TOTAL--	533	127	1,639	467	979	1,865	624	126	1,608	485	927	3,772
DELAWARE RIVER, PHILADELPHIA, PA., TO THE SEA												
49 -			51			51		2				2
48 -			10			10		1				1
47 -			10			10		1				1
46 -			9			9						
45 -			8			8		3				3
44 -			9			9						
43 -			7			7		3				3
42 -			14			14						
41 -	4		19			23		1				1
40 -	27		85			112		2				2
39 -	32		132			164		4				4
38 -	5		191		8	196	3	13			10	48
37 -	1		108		3	112	21	16			1	47
36 -	6		85	11	3	94	73	29	9		4	106
35 -	10		102		1	113	50	33			4	87
34 -	23		40		13	116	65	30			16	111
33 -	31		46		3	81	40	46		1	7	94
32 -	55		46	1	4	105	43	63			5	111
31 -	53		35		2	90	31	59			14	104
30 -	70		52		9	131	64	123			17	204
29 -	97		31		12	140	96	61			27	184
28 -	100		40		16	156	127	122			28	277
27 -	111		44	1	11	173	141	77	2		19	239
26 -	156		34		15	205	180	171			32	383
25 -	204		35	1	21	262	191	135		4	36	366
24 -	191		44		1	236	210	206		1	50	467
23 -	193		24		3	216	151	77		1	31	270
22 -	206		28		4	238	180	50	1	2	54	297
21 -	135		13		6	154	132	111		11	60	214
20 -	132		17		8	157	117	40		1	45	203
19 -	96		11		81	202	74	23	23		175	295
18 AND LESS--	19,757	309	15,247	1,169	5,749	42,241	21,197	190	15,423	1,165	5,848	43,843
TOTAL--	21,728	1,699	15,294	1,120	6,970	45,911	23,231	1,692	15,458	1,206	6,483	48,070
DELAWARE RIVER AT CAMDEN, N. J.												
38 -			1			1						1
37 -			2			2						2
36 -			4			4						4
35 -	3		10			13		2				15
34 -	2					2						2
33 -	5					5						5
32 -	11					11						11
31 -	6					6						6
30 -	6					6		1				7
29 -	7					7						7
28 -	14					14						14
27 -	21					21						21
26 -	16					16						16
25 -	19				2	21		1			1	22
24 -	25					25		2				27
23 -	19				1	20						20
22 -	23		1			24		4				28
21 -	15		2			17		3				20
20 -	14		1			15		6			2	21
19 -	12		1		5	18		1			10	23
18 AND LESS--	31	3	1,254	35	491	1,814	35	3	1,251	40	670	1,999
TOTAL--	249	25	1,254	35	499	2,162	242	23	1,251	40	684	2,240
SCHUYLKILL RIVER, PA.												
35 -			31		1	32		7				51
34 -			5		1	6		6				14
33 -			10		3	13		8				20
32 -			8		2	10		14				20
31 -			1			1		14				15
30 -	2		1			3		5			2	8
29 -	3		8		1	11		5				16
28 -	1		3			4		5				9
27 -	3		3		5	11		5				21
26 -	13		2		3	18		5			4	25
25 -	14		6		3	23		4			1	29
24 -	12		10		3	25		13			3	38
23 -	19		2		3	24		3			9	21
22 -	13		5		3	21		10			9	26
21 -	10		4		1	15		7		2	8	25
20 -	14		6		5	25		10		7	10	31
19 -	8		5		17	30		6			37	49
18 -	18		20		24	62		9			56	77
17 -	9		11	2	1	21		4			1	26
16 -	2		11	1		14		0			43	56
15 -	2		9	441	26	530		5	494		48	507
14 -	1	16	14		143	194		1	32		85	118



## TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION				
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS	
DRAFT (FEET)	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER
SCHUYLKILL RIVER, PA.--(CONTINUED)										
13		5	128	INBOUND			1	20	OUTBOUND	
12 AND LESS	3	13	3,090	13	1,689	1	9	3,994	7	1,755
TOTAL	140	204	4,716	15	2,157	152	207	4,685	17	2,187
PHILADELPHIA HARBOR, PA.										
49		24		INBOUND			1		OUTBOUND	
48		6								
47		7								
46		4								
45		3					2			
44		3								
43		1								
42		3								
41	4	4								
40	27	20								
39	7	43				3	1			
38	1	31				22	1			
37	2	18	1		2	20	2			
36	2	19			3	24	4			
35	5	20			25	44	6			
34	15	16			44	47	10			
33	21	13			38	26	44			
32	24	12			45	36	20			
31	41	8			50	28	17			
30	37	17			77	52	43			
29	75	10			94	81	24			
28	76	10			92	97	35			
27	67	15	1		97	84	21	1		
26	119	6			134	114	43			
25	153	13			172	147	18			
24	126	20			154	144	49			
23	124	11			148	102	40			
22	144	10			167	111	17			
21	102	6			116	77	14			
20	101	8			127	90	17			
19	76	6			111	54	8			
18 AND LESS	4,542	106	8,740	438	3,125	4,465	69	8,788	444	3,210
TOTAL	5,914	493	8,742	451	3,278	5,907	506	8,792	458	3,329
TRENTON HARBOR, N. J.										
15				INBOUND					OUTBOUND	
14				248	1				35	
13			42					82		
12			113		8			117		
11			28	69	2			22	18	1
10			4							
9					2					
8 AND LESS					2					
TOTAL			227	317	16			225	263	14
WILMINGTON HARBOR, DELAWARE										
38		3		INBOUND			1		OUTBOUND	
37		2								
36	1	1				3	1			
35	1	6				2	1			
34	1	2				6	2			
33	1	2				8	1			
32	8	4					1			
31	1	1				2				
30	6	3				3				
29	12	2			1	4				
28	6	1				9				
27	21	1				21	2			
26	21					27	4			
25	27					18	4			
24	25					26	5			
23	43	1				43	1			
22	20	2				31	4			
21	15				1	16	2			
20	12				1	13	3			
19	6	2			8	6	2			
18 AND LESS	20	1	552	144	318	29	9	585	141	304
TOTAL	265	34	552	144	329	273	43	585	141	305
INLAND WATERWAY FROM DELAWARE RIVER TO CHESAPEAKE BAY, DEL. AND MD.-CHESAPEAKE AND DELAWARE CANAL										
36				EASTBOUND					WESTBOUND	
30	7					7	1			
29	87					87	3			
28	98	1				95	3			
27	105	3			2	117	13			
26	114	5			2	121	13			
25	93	3			1	97	6			
24	114				1	115	13			
23	98	1			5	104	6			

**PHILADELPHIA, PA., DISTRICT**  
TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION						DIRECTION					
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS			SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	TOTAL	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	TOTAL
INLAND WATERWAY FROM DELAWARE RIVER TO CHESAPEAKE HAY, DEL. AND MD. - CHESAPEAKE AND DELAWARE CANAL--(CONTINUED)				EASTBOUND						WESTBOUND		
22 - - - - -	69	2			2	69	72	7			17	96
21 - - - - -	61	3	1		7	72	95	3			8	106
20 - - - - -	49	1			8	58	72	6			8	86
19 - - - - -	43	3	2	1	14	63	66	1	1		37	105
18 - - - - -	37	9	3	2	14	65	56	1	1		38	96
17 - - - - -	37	4	12	48	11	107	33	2	9		26	70
16 - - - - -	21	2	5A	110	16	205	33	14	67	4	121	239
15 - - - - -	13	5	149	129	17	353	17	5	197	1	51	271
14 - - - - -	11	3	14A	50	38	295	5	13	163	11	126	318
13 - - - - -	4		354	22	24	404	3	2	336	5	98	444
12 AND LESS - - - - -	95	39	1,414	555	1,067	3,170	83	6	1,401	928	652	3,070
TOTAL - - - - -	1,137	90	2,179	917	1,229	5,552	1,395	120	2,177	951	1,229	5,872
ABSECON CREEK, N. J.				UPBOUND						DOWNBOUND		
TOTAL, 3 AND LESS - - - - -	150					150	150					150
ABSECON INLET, N. J.				UPBOUND						DOWNBOUND		
TOTAL, 15 AND LESS - - - - -	1,002		2			1,004	1,002		2			1,004
ALLOWAY CREEK, N. J.				NO VESSEL TRIPS REPORTED								
APPOQUINIMINK RIVER, DEL.				NO VESSEL TRIPS REPORTED								
BARNEGAT INLET, N. J.				INBOUND						OUTBOUND		
TOTAL, 10 AND LESS - - - - -	2,774					2,774	2,774		2			2,776
BIG TIMBER CREEK, N. J.				UPBOUND						DOWNBOUND		
TOTAL, 23 AND LESS - - - - -			18	4	197	219			15		186	201
BROADKILL RIVER, DEL.				NO VESSEL TRIPS REPORTED								
CAPE MAY CANAL, N. J.				UPBOUND						DOWNBOUND		
TOTAL, 12 AND LESS - - - - -	11,777		5			11,782	2,295		1			2,296
COHANSEY RIVER, N. J.				UPBOUND						DOWNBOUND		
TOTAL, 12 AND LESS - - - - -	110		16		9	135	110		16		7	133
COLD SPRING INLET, N. J.				INBOUND						OUTBOUND		
TOTAL, 14 AND LESS - - - - -	8,206					8,206	9,608					9,608
COOPER RIVER, N. J.				UPBOUND						DOWNBOUND		
TOTAL, 13 AND LESS - - - - -			3		17	20			3		17	20
HARBOR OF REFUGE, DELAWARE BAY, DEL.				UPBOUND						DOWNBOUND		
TOTAL, 12 AND LESS - - - - -	2,079		19		14	2,112	2,079		17		14	2,110
INDIAN RIVER INLET AND BAY, DEL.				UPBOUND						DOWNBOUND		
TOTAL, 8 AND LESS - - - - -	1,921					1,921	1,921					1,921
INLAND WATERWAY BETWEEN REMSBOTH BAY AND DELAWARE BAY, DEL.				UPBOUND						DOWNBOUND		
TOTAL, 10 AND LESS - - - - -	1,334		7			1,341	1,334		6			1,340
LEIPSIC RIVER, DEL.				NO VESSEL TRIPS REPORTED								
LITTLE EGG HARBOR, N. J.				INBOUND						OUTBOUND		
TOTAL, 4 AND LESS - - - - -	91					91	90					90
LITTLE RIVER, DEL.				NO VESSEL TRIPS REPORTED								
MAVASQUAN RIVER, N. J.				UPBOUND						DOWNBOUND		
TOTAL, 10 AND LESS - - - - -	2,357					2,357	2,357					2,357
MAVTA CREEK, N. J.				UPBOUND						DOWNBOUND		
TOTAL, 27 AND LESS - - - - -			44	76	41	201		1	86	75	42	204
MAURICE RIVER, N. J.				UPBOUND						DOWNBOUND		
TOTAL, 9 AND LESS - - - - -	1,621					1,621	1,621					1,621

## TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION						
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	
MISPELLION RIVER, DEL. TOTAL, 5 AND LESS - - - - -	51			UPBOUND		51	50			DOWNBOUND		50
MURDERKILL RIVER, DEL. TOTAL, 6 AND LESS - - - - -	1,060			UPBOUND		1,060	1,060			DOWNBOUND		1,060
NEW JERSEY INTRACASTAL WATERWAY TOTAL, 12 AND LESS - - - - -	22,961		3	UPBOUND		22,964	22,459		5	DOWNBOUND		20,462
OLDMANS CREEK, N. J. TOTAL, 6 AND LESS - - - - -			3	UPBOUND	6	9			5	DOWNBOUND	6	9
PEPPER CREEK, DEL.			NO VESSEL TRIPS	REPORTED								
SALEM RIVER, N. J.			NO VESSEL TRIPS	REPORTED								
SHYRNA RIVER, DEL.			NO VESSEL TRIPS	REPORTED								
ST. JONES RIVER, DEL.			NO VESSEL TRIPS	REPORTED								
TOMS RIVER, N. J.			NO VESSEL TRIPS	REPORTED								
TUCKERTON CREEK, N. J. TOTAL, 6 AND LESS - - - - -	259			UPBOUND		259	259			DOWNBOUND		259
WATERWAY FROM INDIAN RIVER INLET TO REMODOTH BAY, DEL.			NO VESSEL TRIPS	REPORTED								
MAHON RIVER, DEL. TOTAL, 12 AND LESS - - - - -	310		145	UPBOUND	107	570	310		145	DOWNBOUND	95	550

## BALTIMORE, MD., DISTRICT

## TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION				
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS	
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER
BALTIMORE HARBOR AND CHANNELS, MD.				INBOUND					OUTBOUND	
41 -		2					1			1
40 -	29	32				50	14			64
39 -	12	3				04	25			119
38 -	5	0			3	33	11			44
37 -	12	10	1			15	5	1		21
36 -	16	17				56	12			70
35 -	7	9				54				66
34 -	10	25				54				61
33 -	32	25				55				62
32 -	74	16				58				64
31 -	87	6				67	7			74
30 -	150	14				225	5			230
29 -	214	19				233	7			202
28 -	292	33			2	295	11			307
27 -	270	29		11	1	340	20			361
26 -	302	23				279	23			304
25 -	334	18		3	6	261	15		5	282
24 -	351	28		52	12	257	16		4	302
23 -	267	19	1	9	9	209	21	1	3	234
22 -	256	11		8	5	226	28		3	292
21 -	180	5		3	6	194	14	4	3	178
20 -	163	4	2		4	159	19	3		185
19 -	129	3			22	127	4		17	164
18 AND LESS -	2,429	715	12,441	2,444	3,865	2,526	731	12,491	2,456	3,853
TOTAL -	5,630	1,083	12,445	2,530	3,943	5,790	1,071	12,500	2,488	3,895
NANTICOKE RIVER (INCLUDING NORTHWEST FORK), DEL. AND MD.				UPBOUND					DOWNBOUND	
12 -			74		22			74		74
11 -			19		45			17		25
10 -			19	15	41			37	11	48
9 -	1		21	5	10			23	4	27
8 -			12		3			28	3	31
7 -			9		1			9		9
6 AND LESS -	868		9	44	1	868	6	47	136	1,057
TOTAL -	871		213	64	123	868		194	73	136
WICOMICO RIVER, MD. (EASTERN SHORE)				UPBOUND					DOWNBOUND	
14 -					6					10
13 -			12		24			10		644
12 -			645		23			645	1	22
11 -			27		133			11	11	62
10 -	63		44	43	122			61	1	16
9 -			19		78			16		39
8 -			19	2	52			9		238
7 -			5		17	231		5	2	647
6 AND LESS -	368		8	15	7	203		8	51	385
TOTAL -	431		819	60	442	434		793	51	400
WASHINGTON HARBOR, D. C.				INBOUND					OUTBOUND	
16 -					79					1
15 -			1		30			1		1
14 -			1		1					1
13 -			1		0			1		1
12 AND LESS -	1,194		140		56	1,194		176	175	1,545
TOTAL -	1,194		143		175	1,194		178	175	1,547
ANACOSTIA RIVER, D. C.				INBOUND					OUTBOUND	
16 -					79					1
15 -			1		30			1		1
14 -			1		1					1
13 -			1		0			1		1
12 AND LESS -			178		56			175	175	350
TOTAL -			141		175			177	175	352
POTOMAC RIVER BELOW WASHINGTON, D. C.				UPBOUND					DOWNBOUND	
36 -		23			23					1
35 -		1			1					1
34 -		2			2			1		2
33 -		1			1			2		1
32 -								1		4
30 -					1			4		4
28 -								4		9
27 -		1			1			2		2
26 -								1		1
25 -								2		4
24 -		1			1			2		5
23 -	11				11	2		2		19
22 -	8				9	3		2		12
21 -	5				6	9		4		11
20 -	6		4		10	7		5		3,814
19 -	3			5	4	6			5	913
18 AND LESS -	2,445	1	822	7	522	2,441	3	810	7	919
TOTAL -	2,478	31	826	12	525	2,508	35	815	12	919

## BALTIMORE, MD., DISTRICT

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## TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION				DIRECTION			
	SELF PROPELLED VESSELS		NON SELF PROPELLED VESSELS		SELF PROPELLED VESSELS		NON SELF PROPELLED VESSELS	
DRAFT (FEET)	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	TOTAL	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	TOTAL
ANNAPOLIS HARBOR, MD. TOTAL, 10 AND LESS - - - - -	125			125	124			124
AQUIA CREEK, VA.	NO VESSEL TRIPS REPORTED							
BACK CREEK, ANNE ARUNDEL COUNTY, MD. TOTAL, 8 AND LESS - - - - -	202		3	205	202		3	205
BETTERTON HARBOR, MD.	NO VESSEL TRIPS REPORTED							
BLACK WALNUT HARBOR, MD.	NO VESSEL TRIPS REPORTED							
BONUM CREEK, VA.	NO VESSEL TRIPS REPORTED							
BRANSON'S COVE, VA. TOTAL, 4 AND LESS - - - - -	564			564	564			564
BRETTON BAY, MD. TOTAL, 7 AND LESS - - - - -	6		149	155	6		149	155
BROAD CREEK RIVER, DEL.	NO VESSEL TRIPS REPORTED							
BROAD CREEK, SOMERSET COUNTY, MD. TOTAL, 9 AND LESS - - - - -	8			8	8		1	9
BROADWATER CREEK, MD.	NO VESSEL TRIPS REPORTED							
CAOLE CREEK, MD.	NO VESSEL TRIPS REPORTED							
CAMBRIDGE HARBOR, MD. TOTAL, 18 AND LESS - - - - -	879		1	880	881		1	882
CHANNEL TO ISLAND CREEK, ST. GEORGE ISLAND, MD.	NO VESSEL TRIPS REPORTED							
CHESTER RIVER, MD. TOTAL, 10 AND LESS - - - - -	568		57	625	712		57	769
CHOPTANK RIVER, MD. TOTAL, 21 AND LESS - - - - -	1,904		56	1,960	1,835		56	1,891
CLATSOPNE HARBOR, MD.	NO VESSEL TRIPS REPORTED							
COAN RIVER, VA. TOTAL, 4 AND LESS - - - - -	695			695	695			695
CORSICA RIVER, MD.	NO VESSEL TRIPS REPORTED							
CRISFIELD HARBOR, MD. TOTAL, 10 AND LESS - - - - -	1,928		15	1,943	1,928		16	1,944
CUCKOLD CREEK, MD.	NO VESSEL TRIPS REPORTED							
CUNNINGHILL COVE, MD. TOTAL, 4 AND LESS - - - - -	16			16	16			16
DUCK POINT COVE, MD.	NO VESSEL TRIPS REPORTED							
ELK AND LITTLE ELK RIVERS, MD. TOTAL, 9 AND LESS - - - - -			8	8			12	12
FISHING BAY TRIMMIES, WORCHESTER COUNTY, MD. TOTAL, 7 AND LESS - - - - -	2,094			2,094	2,099			2,099
FISHING CREEK, CALVERT COUNTY, MD. TOTAL, 10 AND LESS - - - - -	1		5	6	1		5	6

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BALTIMORE, MD., DISTRICT  
TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					TOTAL	DIRECTION					
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS			SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	
DRAFT (FEET)												
GOOSE CREEK, SOMMERSET COUNTY, MD. TOTAL, 4 AND LESS - - - - -	15				UPBOUND	15	15				DOWNBOUND	15
HERRING BAY AND ROCKHOLD CREEK, MD. TOTAL, 5 AND LESS - - - - -	174				UPBOUND	174	174				DOWNBOUND	174
HERRING CREEK, MD.				NO VESSEL TRIPS	REPORTED							
HONGA RIVER AND TAR BAY, MD. TOTAL, 8 AND LESS - - - - -	884		2		UPBOUND	886	892				DOWNBOUND	892
ISLAND CREEK, MD.				NO VESSEL TRIPS	REPORTED							
KNAPPS NARROWS, MD. TOTAL, 6 AND LESS - - - - -	376		1		UPBOUND	377	276		1		DOWNBOUND	277
LA TRAPPE RIVER, MD.				NO VESSEL TRIPS	REPORTED							
LAKE OGLETON, MD.				NO VESSEL TRIPS	REPORTED							
LITTLE CREEK, QUEEN ANNES COUNTY, MD. TOTAL, 4 AND LESS - - - - -	226				UPBOUND	226	226				DOWNBOUND	226
LITTLE WICOMICO RIVER, VA. TOTAL, 2 AND LESS - - - - -			3,504	3,504	UPBOUND	7,008			3,504	3,504	DOWNBOUND	7,008
LOWER WACHODOC CREEK, VA. TOTAL, 5 AND LESS - - - - -	660				UPBOUND	660	660				DOWNBOUND	660
LOWER THOROUGHFARE AT OR NEAR VENONA, DEAL ISLAND, MD. TOTAL, 5 AND LESS - - - - -	135				UPBOUND	135	135				DOWNBOUND	135
LOWES WHARF, TALBOT COUNTY, MD. TOTAL, 7 AND LESS - - - - -	563				INBOUND	563	563				OUTBOUND	563
MANOKIN RIVER, MD. TOTAL, 7 AND LESS - - - - -	218				UPBOUND	218	236				DOWNBOUND	236
MIDDLE RIVER AND DARK HEAD CREEK, MD.				NO VESSEL TRIPS	REPORTED							
MILL CREEK, MD.				NO VESSEL TRIPS	REPORTED							
MONROE BAY AND CREEK, VA. TOTAL, 4 AND LESS - - - - -	40				INBOUND	40	40				OUTBOUND	40
MUDDY HOOK AND TYLER COVES, MD. TOTAL, 4 AND LESS - - - - -	300				INBOUND	300	300				OUTBOUND	300
NAN COVE, MD.				NO VESSEL TRIPS	REPORTED							
NANTICOKE RIVER AT RIVALVE, MD.				NO VESSEL TRIPS	REPORTED							
NANTICOKE RIVER AT NANTICOKE, MD. TOTAL, 6 AND LESS - - - - -	868		2		INBOUND	870	868		2		OUTBOUND	870
NEALE SOUND, MD.				NO VESSEL TRIPS	REPORTED							
NOHINI BAY AND CREEK, VA. TOTAL, 4 AND LESS - - - - -	63				UPBOUND	63	63				DOWNBOUND	63
NORTHEAST RIVER, MD. TOTAL, 5 AND LESS - - - - -	51		1		UPBOUND	52	51		1		DOWNBOUND	52
OCCOQUAN CREEK, VA. TOTAL, 7 AND LESS - - - - -			149		UPBOUND	149			149		DOWNBOUND	149

## BALTIMORE, MD., DISTRICT

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## TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION						DIRECTION					
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS			SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	TOTAL	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	TOTAL
OCEAN CITY HARBOR AND INLET AND SINEPUXENT BAY, MD. TOTAL, 8 AND LESS - - - - -	1,265		10			1,275	1,265		12			1,277
PARISH CREEK, MD. TOTAL, 4 AND LESS - - - - -	150					150	150					150
PATUXENT RIVER, MD. TOTAL, 14 AND LESS - - - - -	921		79		55	955	921		79		54	954
POCONOKE RIVER, MD. TOTAL, 10 AND LESS - - - - -	2	3	144	107	24	320	2	3	185	107	24	322
POTOMAC RIVER AT ALEXANDRIA, VA. TOTAL, 23 AND LESS - - - - -	39		3			44	39		3			44
POTOMAC RIVER AT LOWER CEDAR POINT, MD. TOTAL, 7 AND LESS - - - - -	8					8	8					8
POTOMAC RIVER AT MT. VERNON, VA. TOTAL, 8 AND LESS - - - - -	258		1			259	258		1			259
POTOMAC RIVER, VIRGINIA CHANNEL, D.C. TOTAL, 6 AND LESS - - - - -	936					936	936					936
POTOMAC RIVER, WASHINGTON CHANNEL, D. C. TOTAL, 8 AND LESS - - - - -	258		2			260	258		1			259
QUEENSTOWN HARBOR, MD.	NO VESSEL TRIPS REPORTED											
RHODES POINT TO TYLERTON, SOMERSET COUNTY, MD. TOTAL, 5 AND LESS - - - - -	121					121	121	11				132
ROCK HALL HARBOR, MD. TOTAL, 5 AND LESS - - - - -	13					13	13					13
SLAUGHTER CREEK, MD. TOTAL, 4 AND LESS - - - - -	134					134	134					134
SMITH CREEK, MD. TOTAL, 7 AND LESS - - - - -	53					53	71					71
ST. CATHERINES SOUND, MD. TOTAL, 8 AND LESS - - - - -			1			1			1			1
ST. JEROME CREEK, MD. TOTAL, 4 AND LESS - - - - -	3					3	3					3
ST. MICHAELS HARBOR, MD. TOTAL, 4 AND LESS - - - - -	1,179					1,179	1,179					1,179
ST. PATRICKS CREEK, MD.	NO VESSEL TRIPS REPORTED											
ST. PETERS CREEK, MD.	NO VESSEL TRIPS REPORTED											
SUSQUEHANNA RIVER ABOVE AND BELOW HAVRE DE GRACE, MD. TOTAL, 13 AND LESS - - - - -	47		71		7	127	47		75		7	131
TYLGMAN ISLAND HARBOR, MD.	NO VESSEL TRIPS REPORTED											
TOWN CREEK, MD. TOTAL, 10 AND LESS - - - - -	20					20	19					19
TRED AVON RIVER, MD. TOTAL, 12 AND LESS - - - - -	8,424		53		36	8,515	8,605		53		36	8,694

## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

## BALTIMORE, MD., DISTRICT

## TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION						
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	
TRITCH COVE AND BIG THOROUGHFARE RIVER, MD. TOTAL, 8 AND LESS - - - - -	1,732	12	8	UPBOUND		1,752	1,744	12	8	DOWNBOUND		1,764
TYASKIN CREEK, MD.	NO VESSEL TRIPS			REPORTED								
UPPER WACHODOC CREEK, VA.	NO VESSEL TRIPS			REPORTED								
UPPER THOROUGHFARE, DEAL ISLAND, MD. TOTAL, 7 AND LESS - - - - -	149			UPBOUND		149	146			DOWNBOUND		146
WARMICK RIVER, MD. TOTAL, 3 AND LESS - - - - -	25			UPBOUND		25	25			DOWNBOUND		25
WATERWAY FROM LITTLE CHOPTANK RIVER TO CHOPTANK RIVER, MD.	NO VESSEL TRIPS			REPORTED								



# NORFOLK, VA., DISTRICT

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## TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					TOTAL	DIRECTION					TOTAL
	SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS			SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS		
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	
NORFOLK HARBOR, VA.												
47		1		INBOUND		1	39	55			OUTBOUND	94
46							25	20				45
45	1					1	24	20				44
44		1				1	13	9				18
43	1	2				3	17	5				22
42		8				8	23	8				31
41		8				8	15	9				24
40	5	21				26	65	14				79
39	7	18				25	61	8				69
38	6	22				28	30	13				43
37	7	23				30	33	7				40
36	28	15				43	76	11			1	88
35	40	16				56	96	9				105
34	40	26				66	70	6				76
33	51	23				74	63	6				69
32	59	16				75	104	14				118
31	93	9				102	86	17				103
30	167	26				193	178	16				194
29	125	20				145	147	8				155
28	176	24			2	202	165	9				174
27	182	19		11	1	213	166	12				178
26	186	20			3	211	146	21				168
25	142	25			5	172	91	12			7	110
24	170	22			3	196	101	19				122
23	157	23		1	3	184	83	16			1	100
22	163	16				179	94	30			1	125
21	138	7	5		12	162	71	8				81
20	163	13	5	1	2	184	89	27				118
19	92	5	2	13	9	121	48	2				64
18 AND LESS	1,982	1,500	15,455	9,070	3,119	30,726	1,450	1,543	15,400	8,790	3,406	30,589
TOTAL	3,783	1,929	15,467	9,097	3,159	33,435	3,669	1,956	15,404	8,799	3,418	33,246
HAMPTON ROADS, VA.												
47		1		INBOUND		1	50	71			OUTBOUND	121
46							29	29				58
45	1	2				3	53	33				86
44		1				1	20	12				32
43	1	3				4	24	16				40
42		8				8	34	13				47
41		10				10	26	16				42
40	8	26				34	105	22				127
39	10	20				30	89	12				101
38	10	28				38	53	16				69
37	10	27				37	44	9				53
36	33	23				56	93	16			1	112
35	44	21				65	110	10				120
34	45	31				76	89	12				101
33	59	25				84	72	7				79
32	70	18				88	130	18				148
31	103	12				115	101	17				118
30	191	38				229	200	20				220
29	147	23				174	165	11				176
28	194	26			2	222	186	10				196
27	206	24		11	1	242	183	15				198
26	221	32			3	256	177	22			1	200
25	177	30			5	212	123	15			7	145
24	225	29		5	1	264	147	23			55	226
23	209	30		1	2	242	113	19			1	134
22	213	23				236	135	34			1	170
21	189	11	5		11	216	101	9				114
20	211	19	5	1	2	238	105	32			2	139
19	129	5	2	14	12	162	64	10				83
18 AND LESS	5,952	1,533	16,203	9,944	3,250	36,882	5,788	1,926	16,249	9,998	3,428	36,589
TOTAL	8,658	2,079	16,215	9,976	3,293	40,221	8,609	2,077	16,253	9,662	3,443	40,044
CHANNEL TO NEWPORT NEWS, VA.												
45	44	38		EASTBOUND		82		2			WESTBOUND	2
44	7	7				14						
43	7	12				19		1				1
42	11	5				16						
41	11	7				18		2				2
40	40	8				48	3	5				8
39	28	4				32	3	2				5
38	23	3				26	4	6				10
37	11	2				13	3	4				7
36	17	7				24	5	8				13
35	14	1				15	4	5				9
34	19	6				25	5	5				10
33	9	1				10	8	2				10
32	26	4				30	11	2				13
31	15					15	10	3				13
30	22	1				23	24	13				37
29	18	2				20	22	4				26
28	21	1				22	18	2				20
27	17	3				20	24	5				29
26	33	1				34	33	12				45
25	32	4				36	35	5				40
24	77	3		50		130	56	7			4	68
23	31	4		1		36	55	9				64
22	69	5		3		77	60	7				87

## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

## NORFOLK, VA., DISTRICT

## TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					TOTAL	DIRECTION					TOTAL
	SELF-PROPELLED VESSELS			NON SELF-PROPELLED VESSELS			SELF-PROPELLED VESSELS			NON SELF-PROPELLED VESSELS		
DRAFT (FEET)	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		
CHANNEL TO NEWPORT NEWS, VA.--(CONTINUED)						EASTBOUND			WESTBOUND			
21	53	1			1	55	65	3			68	
20	23	6			1	31	43	7		1	71	
19	17	3			2	22	58			1	62	
18 AND LESS	1,486	494	8,291	9,469	912	24,842	1,577	492	8,182	9,291	1,155	20,697
TOTAL	2,181	632	8,291	9,724	915	21,733	2,146	613	8,182	9,297	1,159	21,397
PORT OF NEWPORT NEWS, VA.						INBOUND			OUTBOUND			
46							15	25				40
45		2				2	29	13				42
44							7	7				14
43		1				1	7	11				18
42							11	5				16
41		2				2	11	7				18
40	3	5				8	40	8				48
39	3	2				5	28	4				32
38	4	6				10	23	3				26
37	3	4				7	11	2				13
36	5	8				13	17	7				24
35	4	5				9	14	1				15
34	5	5				10	19	6				25
33	8	2				10	9	1				10
32	11	2				13	26	4				30
31	10	3				13	15					15
30	24	13				37	22	3				25
29	22	4				26	18	2				20
28	18	2				20	21	1				22
27	24	5				29	17	3				20
26	33	12				45	31	1				32
25	35	5				40	32	3				35
24	55	7		4	1	67	46	4		55		105
23	52	7				59	30	3				33
22	50	7				57	41	4				45
21	50	4				54	31	1			1	33
20	48	6				54	16	5				21
19	37			1	3	41	16	2				20
18 AND LESS	1,961	470	6,716	5,468	617	14,852	1,929	475	6,720	5,051	618	14,793
TOTAL	2,465	589	6,716	5,473	621	15,484	2,532	611	6,720	5,106	621	15,590
JAMES RIVER, VA.						UPBOUND			DOWNBOUND			
23	4	2				6	34			1		35
22	10	1				11	28			3		32
21	15					15	22			1		23
20	15			1		16	7			1		9
19	21					21	1					1
18	43					43	9			1		11
17	5				1	6	4					4
16	7	7	5	54	32	105	13		4	29	1	47
15	9			1	14	24	9		3	24		37
14	2		10	2	32	46	5		6			16
13	6		28	2	128	164	7		27			91
12 AND LESS	17,729	15	3,422	8,244	256	24,566	12,736	19	3,506	8,269	386	24,716
TOTAL	17,866	25	3,445	8,304	463	25,123	12,875	23	3,546	8,328	450	25,222
PORT OF RICHMOND, VA.						INBOUND			OUTBOUND			
24							2					2
23	2					2	1					1
22	7					7	28					28
21	12					12	22					22
20	6					6	7		1			8
19	20					20	1					1
18	36					36	9					9
17	4					4	4					4
16	4	7			10	21	11					11
15	4				6	10	8					8
14	1		6		14	21	5		4		3	12
13	5		22		16	43	6		20		57	83
12 AND LESS	10	5	487	948	137	1,587	9	12	469	928	130	1,548
TOTAL	114	12	515	948	184	1,773	113	13	493	928	190	1,737
PORT OF HOPEWELL, VA.						INBOUND			OUTBOUND			
24	1					1	31					31
23	1	2				3				1		1
22	3	1				4			1	3		4
21	3					3			1			1
20	6			1		7				1		1
19	1					1						
18	7					7						
17	1					1			1			2
16	3		4	54	7	68	2		4			36
15	9			1	7	13	1		3	24	1	29
14	1		2	2	18	23					2	2
13	1		6	2	31	40						6
12 AND LESS	2		483	186	46	737	2		453	176	103	734
TOTAL	35	3	495	246	129	904	37	3	467	235	108	890

## NORFOLK, VA., DISTRICT

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## TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION						DIRECTION					
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS			SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	TOTAL	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	TOTAL
HAMPTON CREEK, VA.												
11	220					220						
10			229	33	2	264			210			210
9		72	17	604	1	694	220		19			239
8		25	12		12	49			14		2	16
7		49	78			127			75			75
6 AND LESS	2,289		4		2	2,295	2,289	146	2	604	15	3,056
TOTAL	2,509	146	340	637	17	3,649	2,509	146	320	604	17	3,596
APPOMATTOX RIVER, VA.												
10			81		1	82			84			84
9										1,898		1,898
8			1			1						
6			1		1	2			1			1
3											1	1
2				1,744		1,744						
TOTAL			83	1,744	2	1,929			85	1,898	1	1,984
ATLANTIC INTRACOASTAL WATERWAY BETWEEN NORFOLK, VA., AND THE ST. JOHNS RIVER, FLA. (NORFOLK DISTRICT) VIA GREAT BRIDGE LOCK												
13			6			6			3			3
12	9		10			19			14			14
11	2		1			3			1		10	11
10	2		117	20	1	140			142	18	64	244
9	4		111	114	19	248			159	425	171	755
8	4		214	159	7	404	3		285	19	3	310
7			46	26	1	73			68	14	7	89
6 AND LESS	2		113	582	256	953	5		72	352	20	449
TOTAL	23		618	901	284	1,846	8		744	828	295	1,875
BLACKWATER RIVER, VA.												
7			130			130			40			40
6			3	601		604			3			3
4									91			92
TOTAL			133	601		734			134	601		735
YORK RIVER, VA.												
38		37				37			1			1
37		17				17			2			2
36		8				8			1			1
35		9				9						
34		13				13			2			2
33		7				7			1			1
32		6				6			4			4
31		5				5						
30		3				3						
29		2				2			2			2
28		1			2	3			2		1	3
27									8			8
26					1	1	1		7			8
25		1				1		13		7		20
24								6		3		9
23		2			4	6		28		3		31
22					3	3		10		10		20
21								12		4		16
20	1	1			2	3		5		18		23
19					3	3		4		16		24
18 AND LESS	5,343	25	1,179	211	461	7,219	4,646	37	1,168	211	417	6,479
TOTAL	5,344	138	1,179	211	478	7,359	4,659	146	1,168	211	481	6,665
ABERDEEN CREEK, VA.												
TOTAL, 2 AND LESS	60					60	60					60
ATLANTIC INTRACOASTAL WATERWAY BETWEEN NORFOLK, VA., AND THE ST. JOHNS RIVER, FLA. (NORFOLK DISTRICT) DISMAL SWAMP CANAL AND PASQUOTANK RIVER TOTAL, 10 AND LESS			100			100			242			242
BEACH CREEK, VA.												
TOTAL, 9 AND LESS	443					443	443					443
BROAD CREEK, VA.												
TOTAL, 6 AND LESS	1,787					1,787	1,517					1,517
CAPE CHARLES CITY HARBOR, VA.												
TOTAL, 19 AND LESS	2,617	12	973	506		3,764	2,617	38	978	907	3	3,766

## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

## NORFOLK, VA., DISTRICT

## TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION				DIRECTION			
	SELF PROPELLED VESSELS		NON SELF PROPELLED VESSELS		SELF PROPELLED VESSELS		NON SELF PROPELLED VESSELS	
DRAFT (FEET)	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	TOTAL	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	TOTAL
CARTERS CREEK, VA. TOTAL, 8 AND LESS - - - - -	3,360	6		3,366	3,360	6		3,366
CHANNEL CONNECTING YORK RIVER, VA., WITH BACK CREEK TO SLAUGHTS WHARF, VA. TOTAL, 4 AND LESS - - - - -	710			710	710			710
CHANNEL FROM PHOEBUS, VA. TO DEEP WATER IN HAMPTON ROADS, VA.	NO VESSEL TRIPS REPORTED							
CHESCONESSEX CREEK, VA. TOTAL, 6 AND LESS - - - - -	1,524			1,524	1,524			1,524
CHINCOTEAGUE BAY, MD. AND VA. TOTAL, 7 AND LESS - - - - -	2,577			2,577	2,577			2,577
CHINCOTEAGUE HARBOR OF REFUGE, VA.	NO VESSEL TRIPS REPORTED							
CRANES CREEK, VA. TOTAL, 5 AND LESS - - - - -	181			181	181	1		182
DAVIS CREEK, VA. TOTAL, 9 AND LESS - - - - -	3,406			3,406	3,406			3,406
DEEP CREEK, ACCOMACK COUNTY, VA. TOTAL, 7 AND LESS - - - - -	322			322	322			322
DEEP CREEK, NEWPORT NEWS, VA. TOTAL, 8 AND LESS - - - - -	1,065	1		1,066	1,065	1		1,066
DELAWARE BAY - CHESAPEAKE BAY WATERWAY - VIRGINIA PORTION TOTAL, 9 AND LESS - - - - -	8,054		2	8,056	8,984		1	8,985
DYMERS CREEK, VA.	NO VESSEL TRIPS REPORTED							
GREENVALE CREEK, VA. TOTAL, 4 AND LESS - - - - -	897			897	897			897
HORN HARBOR, VA. TOTAL, 7 AND LESS - - - - -	766			766	766			766
HOSKINS CREEK, VA. TOTAL, 10 AND LESS - - - - -	379		7	392	379		7	392
JACKSON CREEK, VA. TOTAL, 5 AND LESS - - - - -	419			419	419			419
KINGS CREEK, NORTHAMPTON COUNTY, VA. TOTAL, 7 AND LESS - - - - -	110			110	110			110
LAFAYETTE RIVER, VA. TOTAL, 6 AND LESS - - - - -			6	6			5	5
LITTLE MACHPOND RIVER, VA. TOTAL, 14 AND LESS - - - - -	965			965	965			965
LITTLE RIVER (CREEK), VA. TOTAL, 14 AND LESS - - - - -	73	3	600	673	73	4	602	672
LOCKLIES CREEK, VA. TOTAL, 9 AND LESS - - - - -	937			937	837			837
LYNHAVEN ROADS, INLET, AND CONNECTING WATERS, VA. TOTAL, 12 AND LESS - - - - -	1,389	45	29	1,403	929	45	30	966
MATTAPONI RIVER, VA. TOTAL, 10 AND LESS - - - - -	230		2	232	230		2	232
MEMPHIS RIVER, N. C.	NO VESSEL TRIPS REPORTED							

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## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

## WILMINGTON, N. C., DISTRICT

## TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					TOTAL	DIRECTION					TOTAL
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS			SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	
DRAFT (FEET)												
CHOWAN RIVER, N. C.												
7 - - - - -			113	601		734			43			43
6 AND LESS - - - - -	1,787		3			1,790	1,787		94	601		2,482
TOTAL - - - - -	1,787		116	601		2,524	1,787		137	601		2,525
ROANOKE RIVER, N. C.												
UPBOUND												
12 - - - - -			1			1			1			1
11 - - - - -					3	4						1
10 - - - - -			31		129	160			4			4
9 - - - - -			8			8			7			7
8 - - - - -			13			13			45			45
7 - - - - -			69	200		269			61	200	127	245
6 AND LESS - - - - -												188
TOTAL - - - - -			123	200	132	455			119	200	127	446
PAMLICO AND TAR RIVERS, N. C.												
UPBOUND												
10 - - - - -			4			10			3			162
9 - - - - -	1		37		184	222			35		9	44
8 - - - - -			46			46			45	14		59
7 - - - - -			3		2	5			3			3
6 AND LESS - - - - -	600		6	208		814	600		7	44	173	824
TOTAL - - - - -	601		96	214	186	1,097	600		93	217	182	1,092
ATLANTIC INTRACASTAL WATERWAY BETWEEN NORFOLK, VA., AND THE ST. JOHN'S RIVER, FLA. (WILMINGTON DISTRICT)												
NORTHBOUND												
20 - - - - -			2			2						
14 - - - - -			2			2			2			2
13 - - - - -					1	1						
12 - - - - -	1,789		10			1,799	113		15			128
11 - - - - -	19		1			20	20		1		4	25
10 - - - - -	627		18	40	1	706	1,375		54	159	9	1,597
9 - - - - -	5,489		148	123	173	5,973	7,214		342	220	198	7,974
8 - - - - -	6,434		440	191	41	7,526	5,469		477	400	29	6,375
7 - - - - -	1,128		94	39	1	1,262	3,465		96	17	10	3,582
6 AND LESS - - - - -	41,579		277	882	216	22,754	20,145		249	457	205	21,056
TOTAL - - - - -	57,265		1,072	1,275	433	47,845	37,801		1,230	1,253	455	40,739
MOREHEAD CITY HARBOUR, N. C.												
INBOUND												
34 - - - - -		15				15	13					13
33 - - - - -	1	17				18	2					2
32 - - - - -		4				4	2		1			3
31 - - - - -	3	6				9	6		1			7
30 - - - - -	2	3				5	3		2			5
29 - - - - -	1	1				2	11		1			12
28 - - - - -	5	2				7	13		3			16
27 - - - - -	6	5				11	11		1			12
26 - - - - -	10	7				17	22		9			31
25 - - - - -	10	3				13	13		12			25
24 - - - - -	13	3				16	13		6			19
23 - - - - -	12	2				14	10		15			25
22 - - - - -	13	3				16	10		6			16
21 - - - - -	11					11	4		6			10
20 - - - - -	19	1				11	2		4			6
19 - - - - -	9					11	1		1			2
18 AND LESS - - - - -	1,416	3	113	209	162	1,893	1,377		9	104	160	1,863
TOTAL - - - - -	1,922	75	113	210	163	2,373	1,513	77	104	213	160	2,067
PORT OF WILMINGTON, N. C.												
INBOUND												
38 - - - - -	1	17				18	1					1
37 - - - - -		20	2			22			2			2
36 - - - - -	3	13				16	2		4			6
35 - - - - -	13	17				30	4		3			7
34 - - - - -	8	26				34	5		5			10
33 - - - - -	9	11				20	9		8			17
32 - - - - -	15	19				34	14		10			24
31 - - - - -	31	6			1	38	21		12			33
30 - - - - -	32	14			1	47	15		13		1	49
29 - - - - -	34	10			1	45	38		12			50
28 - - - - -	37	14			4	56	39		16			55
27 - - - - -	38	10			3	51	53		9			62
26 - - - - -	37	15			4	56	46		17		1	64
25 - - - - -	51	24			6	81	42		11			53
24 - - - - -	33	12			1	46	50		23			73
23 - - - - -	35	4			2	41	37		12			60
22 - - - - -	41	5			1	47	30		30		1	60
21 - - - - -	19	7	4	1	10	41	20		18		2	40
20 - - - - -	13	2			1	16	14		14		1	29
19 - - - - -	12	2			1	15	11		8		1	20
18 AND LESS - - - - -	2,918	7	829	433	446	4,633	2,917	21	826	439	466	4,669
TOTAL - - - - -	3,379	255	819	490	482	5,197	3,378	246	828	439	473	5,364

## TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION						DIRECTION					
	SELF-PROPELLED VESSELS			NON-SELF-PROPELLED VESSELS			SELF-PROPELLED VESSELS			NON-SELF-PROPELLED VESSELS		
DRAFT (FEET)	SAILOING AND TUGS	TANKER	TUGBOAT OR TUG	DRY CARGO	TANKER	TOTAL	SAILOING AND TUGS	TANKER	TUGBOAT OR TUG	DRY CARGO	TANKER	TOTAL
WILMINGTON HARBOR, N. C.						UPBOUND						DOWNBOUND
38 - - - - -	1	17				18	1					2
37 - - - - -	3	20	2			22			2			6
36 - - - - -	3	13				16	2	4				7
35 - - - - -	13	17				30	4	3				10
34 - - - - -	8	26				34	5	5				12
33 - - - - -	9	11				20	9	8				24
32 - - - - -	15	19				34	14	10				33
31 - - - - -	31	6			1	38	21	12				49
30 - - - - -	32	14			1	47	35	13			1	56
29 - - - - -	34	10			1	45	38	12				55
28 - - - - -	32	14			4	50	39	16				62
27 - - - - -	38	10			3	51	53	9				65
26 - - - - -	37	14			4	55	46	18			1	54
25 - - - - -	51	23			6	80	42	12				72
24 - - - - -	33	13			1	47	50	12				40
23 - - - - -	35	4			2	41	27	12			1	29
22 - - - - -	41	5			1	47	30	30				18
21 - - - - -	19	7	4		10	41	20	18			2	7
20 - - - - -	13	2	2		1	18	14	14				33
19 - - - - -	12	3			2	17	11	7				16
18 AND LESS - - - - -	7,130	7	1,078	16	452	9,485	6,292	21	1,030	899	479	8,721
TOTAL - - - - -	7,587	255	1,086	925	499	10,252	4,753	246	1,032	899	485	9,415
CAPE FEAR RIVER ABOVE WILMINGTON, N. C.						UPBOUND						DOWNBOUND
17 - - - - -						1						
12 AND LESS - - - - -			244	132	114	510			253	137	119	509
TOTAL - - - - -			244	132	115	511			253	137	119	509
NORTHEAST (CAPE FEAR) RIVER, N. C.						UPBOUND						DOWNBOUND
10 - - - - -			10			252			10			10
8 - - - - -				4		4						16
2 - - - - -												236
TOTAL - - - - -			10	4	252	266			10			252
ATLANTIC BEACH CHANNELS, N. C.						INBOUND						OUTBOUND
TOTAL, 8 AND LESS - - - - -	6,500					4,500	6,500					6,500
AVON HARBOR, N. C.						INBOUND						OUTBOUND
TOTAL, 5 AND LESS - - - - -	800					800	800					800
BAY RIVER, N. C.						UPBOUND						DOWNBOUND
TOTAL, 10 AND LESS - - - - -	1,552					1,552	1,552					1,552
BEAUFORT HARBOR, N. C.						INBOUND						OUTBOUND
TOTAL, 12 AND LESS - - - - -	1,317		24	12	10	1,363	1,232		24	12	10	1,278
BELHAVEN HARBOR, N. C.						INBOUND						OUTBOUND
TOTAL, 12 AND LESS - - - - -	1,403		2	2		1,407	1,403		2	2		1,407
CASHIE RIVER, N. C.						NO VESSEL TRIPS REPORTED						
CHANNEL CONNECTING THOROUGHFARE BAY WITH CEDAR BAY, N. C.						NO VESSEL TRIPS REPORTED						
CHANNEL FROM RACK SOUND TO LOOKOUT SIGHT, N. C.						NO VESSEL TRIPS REPORTED						
CHANNEL FROM PAMLICO SOUND TO RODAVINE, N. C.						NO VESSEL TRIPS REPORTED						
CHANNEL TO BOGUE INLET, N. C.						UPBOUND						DOWNBOUND
TOTAL, 11 AND LESS - - - - -	578		1			579	7,093		1			7,094
DRUM INLET, N. C.						NO VESSEL TRIPS REPORTED						
EDENTON HARBOR, N. C.						INBOUND						OUTBOUND
TOTAL, 7 AND LESS - - - - -			39	139		178			39	136		174
FAR CREEK, N. C.						UPBOUND						DOWNBOUND
TOTAL, 10 AND LESS - - - - -	8,400		5	7		8,412	8,400		5	7		8,412
KNOBBS CREEK, N. C.						UPBOUND						DOWNBOUND
TOTAL, 10 AND LESS - - - - -			94	41		135			94	40		134

## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

## WILMINGTON, N. C., DISTRICT

## TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION						
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	
DRAFT (FEET)												
LOCKWOODS FOLLY RIVER, N. C. TOTAL, 9 AND LESS - - - - -	1,150		2		UPBOUND	1,152	1,150		2		DOWNBOUND	1,152
MACKEY CREEK, N. C.					NO VESSEL TRIPS REPORTED							
MAINS HARBOR, N. C.					NO VESSEL TRIPS REPORTED							
MANTEO (SMALLOWBAG) BAY, N. C. TOTAL, 14 AND LESS - - - - -	8,592				INBOUND	8,592	8,592				OUTBOUND	8,592
NEUSE RIVER, N. C. TOTAL, 12 AND LESS - - - - -	9,491		90	127	UPBOUND 10	9,718	8,921		91		DOWNBOUND 132	9,148
NEE RIVER, N. C. TOTAL, 10 AND LESS - - - - -	5,325		73	63	UPBOUND 1	5,462	5,325		73		DOWNBOUND 63	5,462
OCRACOE INLET, N. C. TOTAL, 10 AND LESS - - - - -	5,235		1		UPBOUND	5,236	5,485				DOWNBOUND	5,485
PERQUIMANS RIVER, N. C.					NO VESSEL TRIPS REPORTED							
ROLLINSON CHANNEL, N. C. TOTAL, 5 AND LESS - - - - -	150				UPBOUND	150	150				DOWNBOUND	150
SCUPPERNON RIVER, N. C.					NO VESSEL TRIPS REPORTED							
SHALLOTTE RIVER, N. C.					NO VESSEL TRIPS REPORTED							
SILVER LAKE HARBOR, N. C. TOTAL, 10 AND LESS - - - - -	2,500			667	INBOUND	3,167	3,040				OUTBOUND 667	3,707
SMITHS CREEK (PAMLICO COUNTY), N. C. TOTAL, 7 AND LESS - - - - -	1,530				UPBOUND	1,530	1,570				DOWNBOUND	1,570
SMITHS CREEK (WILMINGTON), N. C. TOTAL, 6 AND LESS - - - - -			27	27	UPBOUND	54			27		DOWNBOUND 27	54
SOUTH RIVER, N. C. TOTAL, 4 AND LESS - - - - -	600				UPBOUND	600	600				DOWNBOUND	600
STUMPY POINT BAY, N. C. TOTAL, 11 AND LESS - - - - -	625				UPBOUND	625	625				DOWNBOUND	625
TRENT RIVER, N. C. TOTAL, 7 AND LESS - - - - -			2	4	UPBOUND	6			2		DOWNBOUND 4	6
WANCHESE HARBOR, N. C. TOTAL, 14 AND LESS - - - - -	3,464				INBOUND	3,464	3,464				OUTBOUND	3,464
WATERWAY CONNECTING PAMLICO SOUND AND BEAUFORT HARBOR, N. C. TOTAL, 9 AND LESS - - - - -	21,851		2		UPBOUND	21,853	24,769				DOWNBOUND	24,769
WATERWAY CONNECTING SWAN QUARTER BAY WITH DEEP BAY, N. C. TOTAL, 8 AND LESS - - - - -	1,900		5	172	UPBOUND	2,177	1,900		5		DOWNBOUND 669	2,177
WATERWAY - NORFOLK, VA. TO SOUNDS OF NORTH CAROLINA TOTAL, 10 AND LESS - - - - -	1,203		7	2	UPBOUND	1,212	1,200		5		DOWNBOUND 12	1,217
WRIGHTS CREEK, N. C.					NO VESSEL TRIPS REPORTED							



# CHARLESTON, S. C., DISTRICT

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## TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION				
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS	
DRAFT (FEET)	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER
ATLANTIC INTRACOASTAL WATERWAY BETWEEN NORFOLK, VA., AND THE ST. JOHNS RIVER, FLA. (CHARLESTON DISTRICT)										
				NORTHBOUND					SOUTHBOUND	
12 - - - - -	9		7		1			11		11
11 - - - - -	2									3
10 - - - - -	6		47	84	1			41	2	47
9 - - - - -	6		74	93	11			334	235	591
8 - - - - -	24		455	91	70	15		479	386	946
7 - - - - -	61		48	63		78		70	23	177
6 AND LESS - - - - -	21,761		243	448	43	21,753		240	637	22,366
TOTAL - - - - -	22,249		918	779	166	22,332		1,175	1,293	24,660
GEORGETOWN HARBOR, S. C. (WINYAH RAY)				INBOUND					OUTBOUND	
27 - - - - -	4	1				6				6
26 - - - - -	3	3				12				12
25 - - - - -	3	5				9				9
24 - - - - -	2	2				7	1			7
23 - - - - -	1	4				7	1			8
22 - - - - -	6	1				5				3
21 - - - - -	7					1	2			11
20 - - - - -	9	1				5	6			11
19 - - - - -	5					9	2			13
18 - - - - -	12					11	2			4
17 - - - - -	10					3	1			1
16 - - - - -	8					1				4
15 - - - - -	5					4				2
14 - - - - -	5					5				5
13 - - - - -	3					5				2,155
12 AND LESS - - - - -	1,983		242	225	6	1,880		240	229	6
TOTAL - - - - -	1,965	17	242	225	6	1,966	18	240	229	6
CHARLESTON HARBOR, S. C.				INBOUND					OUTBOUND	
39 - - - - -			18			14		17		1
37 - - - - -						5				3
36 - - - - -	4	1				2	1			35
35 - - - - -	15	27			3	46	35			26
34 - - - - -	22	23				44	24	2		40
33 - - - - -	33	14			1	44	18	2		49
32 - - - - -	49	7				56	49			75
31 - - - - -	64	18				82	73	2		122
30 - - - - -	86	13			3	102	109			115
29 - - - - -	83	4				95	115		5	114
28 - - - - -	93	10			5	94	104	6		163
27 - - - - -	110	9	1		5	125	143	9	1	138
26 - - - - -	119	10			7	132	122	11		137
25 - - - - -	134	10			2	146	112	24		132
24 - - - - -	155	7			2	164	107	25		141
23 - - - - -	147	7			13	167	122	19		137
22 - - - - -	121	5			15	141	117	18		133
21 - - - - -	118	2	2	1	12	117	114	13	1	110
20 - - - - -	92	4	3		5	104	101	5	4	45
19 - - - - -	49				6	75	41	4		5,457
18 AND LESS - - - - -	4,053	3	452	348	640	3,972	16	456	358	655
TOTAL - - - - -	5,921	174	486	349	717	5,504	170	479	360	677
SHIPYARD RIVER, S. C.				INBOUND					OUTBOUND	
35 - - - - -	2	1	4			7		3		4
34 - - - - -		2				2				1
33 - - - - -	2	5				7				
32 - - - - -	2	1				3				
31 - - - - -	5	3				4				
30 - - - - -	2				1	3				
29 - - - - -	2					2				3
28 - - - - -	1	1			2	4		1		1
27 - - - - -	1	2			2	5			3	8
26 - - - - -	1	2				1		1		3
25 - - - - -	2	4			1	7		1		7
24 - - - - -		4				4		7		10
23 - - - - -	1	2				1		3		3
22 - - - - -	5	2				7		6		7
21 - - - - -	2					2		2		3
20 - - - - -	2	2				4		1		3
19 - - - - -	1					1		3		7
18 AND LESS - - - - -	6		122	48	30	204		127	50	54
TOTAL - - - - -	37	31	126	48	36	274	34	131	50	59
ASHLEY RIVER, S. C.				INBOUND					OUTBOUND	
TOTAL, 20 AND LESS - - - - -	1,470		297	432	65	1,464		277	355	60
CONGAREE RIVER, S. C.				UPBOUND					DOWNBOUND	
TOTAL, 5 AND LESS - - - - -	1					1				1
EDISTO RIVER, S. C.				NO VESSEL TRIPS REPORTED						

## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

## CHARLESTON, S. C., DISTRICT

## TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION				
	SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS		SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS	
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER
DRAFT (FEET)										
GREAT PEE DEE RIVER, S. C. TOTAL, 6 AND LESS - - - - -	1			UPBOUND		1			DOWNBOUND	
MINGO CREEK, S. C. TOTAL, 6 AND LESS - - - - -	1			UPBOUND		1			DOWNBOUND	
PORT ROYAL HARBOR, S. C. TOTAL, 24 AND LESS - - - - -	9,803		7	INBOUND 1	1	9,812	9,802	7	OUTBOUND 1	1
Santee River, S. C. TOTAL, 8 AND LESS - - - - -	1		12	UPBOUND 7		20		12	DOWNBOUND 7	
Village Creek, S. C. TOTAL, 2 AND LESS - - - - -	306			UPBOUND		306	306		DOWNBOUND	
Waccamaw River, N. C. and S. C. TOTAL, 8 AND LESS - - - - -	3			UPBOUND		3	3		DOWNBOUND	
Sampit River, S. C. TOTAL, 9 AND LESS - - - - -			198	UPBOUND 362		560		197	DOWNBOUND 362	

## SAVANNAH, GA., DISTRICT

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## TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION						DIRECTION					
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS			SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		
DRAFT (FEET)	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	TOTAL	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	TOTAL
SAVANNAH HARBOR, GEORGIA						INBOUND	OUTBOUND					
30 -	1	1				2	1	1				2
30 -	3	5				8	7	1				8
37 -	3	19	2			24	21	7	1			31
36 -	16	14				30	20	8				28
35 -	30	23				53	26	4				30
34 -	37	16				53	45	9				54
33 -	35	19			1	55	16	6			1	43
32 -	32	11			6	49	47	6			1	54
31 -	30	20			1	51	42	6				49
30 -	56	11			1	68	74	10			1	87
29 -	96	8			9	113	75	10			5	90
28 -	83	8			3	94	106	19			1	126
27 -	80	14			6	100	102	15				117
26 -	99	10	2	2	2	119	119	14			3	136
25 -	126	18		3	2	149	168	26			3	197
24 -	94	108		1	4	207	124	14			2	140
23 -	104	8			4	116	135	10		1	1	147
22 -	102	5			1	108	94	12				96
21 -	76	2	1		3	82	57	5	6	2	2	72
20 -	80	10	12		2	104	57	10	4	1		74
19 -	86	3	11	4		104	40	6	4	22	2	74
18 AND LESS -	779	13	718	529	355	2,164	670	41	699	492	370	2,263
TOTAL -	2,122	346	716	539	400	4,143	2,058	240	709	518	393	3,918
ATLANTIC INTRACOASTAL WATERWAY BETWEEN NORFOLK, VA., AND THE ST. JOHNS RIVER, FLA. (SAVANNAH DISTRICT)						NORTHBOUND	SOUTHBOUND					
12 -	9		9		1	19		11				11
11 -	2					2					3	3
10 -	2		56	83	5	146	8,480	58	43	5		8,586
9 -	8,494		9	134	95	4,732	90		28	37		163
8 -	1,032		326	83	60	1,501	1,114	289	12	19		1,434
7 -	114		179	47		340	169	14	20	39		334
6 AND LESS -	1,709		152	315	113	1,589	964	136	480	175		1,755
TOTAL -	10,562		731	562	274	12,329	10,754	671	583	278		12,286
BRUNSWICK HARBOR, GEORGIA						INBOUND	OUTBOUND					
32 -	1	1				2	1					1
31 -	4					4						
30 -	12	12				24	1					1
29 -	2					2	2					2
28 -	2					2	2					2
27 -	1					1	6					6
26 -	4	1				5	7					7
25 -	8					8	9					9
24 -	5					5	5			1		6
23 -	5					5	5			3		8
22 -	6					6	3	13				16
21 -	37					37	1					7
20 -	6					6	6	1	4	1		12
19 -	5					5	8					8
18 -	1					1	8					9
17 -	1		1			2	3		1			4
16 -	3		2			5	7		2			9
15 -	1	1	2			4	1		2			3
14 -	2					2	1					1
13 -	2					2	2					1
12 AND LESS -	287		492	305	169	1,253	337		501	243	169	1,249
TOTAL -	394	15	497	305	169	1,380	418	15	510	248	169	1,360
ALTAMAHA RIVER, GA.						NO VESSEL TRIPS REPORTED						
DARIEN HARBOR, GA.						INBOUND	OUTBOUND					
TOTAL, 8 AND LESS -	1					1	1					1
SATILLA RIVER, GA.						UPBOUND	DOWNBOUND					
TOTAL, 7 AND LESS -			2			2		1				1
SAVANNAH RIVER BELOW AUGUSTA, GA.						UPBOUND	DOWNBOUND					
TOTAL, 9 AND LESS -			20	6	13	44		31	2	11		44
ST. MARYS RIVER, GA. AND FLA.						UPBOUND	DOWNBOUND					
TOTAL, 9 AND LESS -	2		47		100	169		87		100		187

## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

## JACKSONVILLE, FLA., DISTRICT

## TRIPS AND TONNAGE OF VESSELS

HARBOR OR WATERWAY				DIRECTION			DIRECTION														
				SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS			TOTAL			SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS			TOTAL		
DRAFT (FEET)				PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	TOTAL			PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	TOTAL				
FERNANDINA HARBOR, FLORIDA							INBOUND									OUTBOUND					
27 - - - - -													1								1
24 - - - - -												1								1	
22 - - - - -				2						2											
18 AND LESS - - - - -				9,423		204		186	9,613	10,418		199			186					10,803	
TOTAL - - - - -				9,425		204		186	9,615	10,420		199			186					10,805	
ATLANTIC INTRACOASTAL WATERWAY BETWEEN NORFOLK, VA., AND THE ST. JOHNS RIVER, FLA. (JACKSONVILLE DISTRICT)							NORTHBOUND									SOUTHBOUND					
12 - - - - -				9		7		1	17				9							9	
11 - - - - -				2				2	2										3		
10 - - - - -				3		33	1	2	39	8,481		36	41	3					8,563		
9 - - - - -				94		8	3	204	311	97		8	11	34					143		
8 - - - - -				9,412		248	2	64	9,728	96		247	10	11					364		
7 - - - - -				2		185	1	1	189	1		186	9	39					235		
6 AND LESS - - - - -				969		93	160	97	1,279	774		47	87	264					1,192		
TOTAL - - - - -				10,491		534	167	373	11,565	9,442		533	158	376					10,509		
JACKSONVILLE HARBOR, FLA.							INBOUND									OUTBOUND					
39 - - - - -				1					1											2	
38 - - - - -					2				2	2									34		
37 - - - - -				3	23	26			52	3	9	26							29		
36 - - - - -				1	27	1		4	33	15	14								15		
35 - - - - -				1	14	1		7	23	10	9								31		
34 - - - - -				8	45	1			61	22	14								47		
33 - - - - -				19	37				96	32	16								52		
32 - - - - -				39	27			18	64	29	16				1	6			28		
31 - - - - -				39	30	1	1	1	72	15	12				1				54		
30 - - - - -				35	6				49	44	8					2			60		
29 - - - - -				56	4			10	70	44	12	1							77		
28 - - - - -				80	10			10	100	53	12								81		
27 - - - - -				80	11		1	13	109	67	10	1							147		
26 - - - - -				86	11	13	4	10	124	100	12	20							120		
25 - - - - -				91	21	1	7	6	126	91	20								99		
24 - - - - -				106	18		1	1	126	69	24								89		
23 - - - - -				93	22		1	1	117	68	19				2				117		
22 - - - - -				60	10				71	80	35				1	1			105		
21 - - - - -				38	9	1	7	11	66	69	36								114		
20 - - - - -				46	21	18	1	4	84	45	28	33	1	7					114		
19 - - - - -				23	7	50	4	3	87	34	23	90	1	149					7,099		
18 AND LESS - - - - -				2,959	42	2,154	285	1,542	6,982	2,937	89	2,135	388	1,553					8,549		
TOTAL - - - - -				3,858	397	2,267	312	1,657	9,491	3,671	483	2,368	395	1,626							
ST. JOHNS RIVER, FLA., JACKSONVILLE TO LAKE HARNEY							UPBOUND									DOWNBOUND					
12 - - - - -						1			1			1	4							6	
11 - - - - -								6	6										4		
10 - - - - -								146	146						1	4			7		
9 - - - - -						43		368	411			46				11			57		
8 - - - - -						396	1		514			418	1	1					421		
7 - - - - -						268		22	288			291							291		
6 - - - - -						166			166			210	1						211		
5 - - - - -						2	1	4	7			3	3						6		
4 - - - - -						11			19			11	7						18		
3 - - - - -									9						11				11		
2 - - - - -				9,900			9	19	9,928	9,900		2	9	868					6,373		
1 - - - - -																			2		
TOTAL - - - - -				9,900		889	23	783	7,191	9,900	1	986	30	890					7,407		
INTRACOASTAL WATERWAY, JACKSONVILLE TO MIAMI, FLA.							NORTHBOUND									SOUTHBOUND					
12 - - - - -				9		10			21			2	15							17	
11 - - - - -				2				14	16										1		
10 - - - - -				2		61	1	9	73	1		62							64		
9 - - - - -				14		40		179	232	183		28							211		
8 - - - - -				208		99	2	221	530	212		106	3	16					339		
7 - - - - -				187		98	1	43	323	3		91	6	6					186		
6 AND LESS - - - - -				18,501		507	183	121	19,292	18,525		911	168	509					19,713		
TOTAL - - - - -				18,923		809	127	588	20,447	18,924	2	813	177	535					20,451		
CANAVERAL HARBOR, FLA.							INBOUND									OUTBOUND					
27 - - - - -					2				2											1	
39 - - - - -				1	1				2										2		
34 - - - - -				4	2				6	1									3		
33 - - - - -				8	1				9	2									3		
32 - - - - -				3	11				14	2	1								4		
31 - - - - -				1	6				7	1									3		
30 - - - - -				4	4				8	3									3		
29 - - - - -				3	2			1	6	3	1								4		
28 - - - - -				5	3				8	3									3		
27 - - - - -				7	4				11	6									6		
26 - - - - -				7	3		4		14	8	4					1			13		
25 - - - - -				3	3		1		7	4	1								5		

## JACKSONVILLE, FLA., DISTRICT

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## TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION						DIRECTION					
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS			SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		
DRAFT (FEET)	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	TOTAL	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	TOTAL
CAVAVERAL HARBOR, FLA.--(CONTINUED)						INBOUND	OUTBOUND					
24	3	3				4	2	1				3
23	5	1			2	8	1	5			1	7
22	7					7	4	10	1		1	16
21	6	1	2			9	18	9			1	29
20	2		13	1		16	2	7	13			22
19	4		1	1		6	8	5	1			14
18 AND LESS--	1,779		579	86	487	2,931	1,745	6	561	85	488	2,947
TOTAL--	1,452	47	595	93	490	1,977	1,853	20	599	98	489	3,179
FORT PIERCE HARBOR, FLA.						INBOUND	OUTBOUND					
27							40					40
26							3					3
25							3					3
24	3					3	5					5
23								1				1
22	6					6	3	1				4
21	3					3	1					1
20	11					11	11		1			12
19	1			1		2	1					1
18	1					2	7					7
17	24			6		30	31			7		38
16			1	1		2	1		1			2
15	2			1		3	2					2
14			9	2		11			9	1		10
13	8					8	1					1
12	4		2	2		8	2		3	4		9
11	1					1						
10	7		2			9	5		4	1		10
9	1		2			3	1		1			2
8	12		4			16	11		4	1		16
7	11		11			22	10		17			27
6 AND LESS--	1,153		2	8		1,163	1,142		2	6	1	1,151
TOTAL--	1,248		13	20		1,281	1,290	2	35	20	1	1,338
PALM BEACH HARBOR, FLA.						INBOUND	OUTBOUND					
34					1	1						1
33		1				1						1
32	2	5				7	3	12				15
31		5				5		3				3
30		1				1	1					1
29		1				1		1				1
28	1					1						
27	5					5	8	1			1	10
26	3			1	1	5	1	2		3		6
25	1	8		1		10	1	3				3
24	1	2				3	1			4		5
23	1	1				2				3		3
22	1					1				14		14
21	1	1				2				6		6
20	1				1	2					2	2
19	17		3			20	22		3	1		26
18 AND LESS--	7,108	1	112	52	24	7,197	6,975	1	87	16	24	7,103
TOTAL--	7,141	26	115	54	27	7,263	7,014	24	92	47	27	7,202
PORT EVERGLADES HARBOR, FLA.						INBOUND	OUTBOUND					
39		1				1						
38	1					1						
37	6	32	23			61	2	5	23			30
36	5	23				28	5	10		1		16
35		56	1			63	1	9		1		15
34	1	71				72	1	14				15
33	3	28				31	8	10				20
32	30	21				51	22	6		2		29
31	42	19				61	45	11		1		60
30	15	12				27	15	10		6		33
29	30	10	1			41	19	16	1			36
28	63	8	1			72	76	21				103
27	16	8	1			25	19	18	1	18		56
26	23	13	40	5	4	85	11	14	21	2	16	54
25	18	7		1	9	28	22	21	11			54
24	13	11			4	28	13	26	1			40
23	19	9			6	34	20	19	2			41
22	15	8			7	30	14	25		3		42
21	10	7	3	2	9	32	3	21	3			35
20	14	12	10	1	6	43	15	23	10			48
19	9	4	19	3	3	38	12	10	15			37
18 AND LESS--	3,145	18	659	266	222	4,212	2,967	83	669	221	278	4,216
TOTAL--	3,378	378	758	284	417	5,215	3,310	372	757	235	377	5,051
MIAMI HARBOR, FLA.						INBOUND	OUTBOUND					
30	159	16		1	10	186	156	1				157
29	87	3			1	91	75					75
28	49					52	17	1				38
27	285	1				286	312	2				314
26	220	4		2		226	188			3		191
25	130	1			1	132	192	3		1	1	197

## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

## JACKSONVILLE, FLA., DISTRICT

## TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					TOTAL	DIRECTION					TOTAL	
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS			SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS			
	DRAFT (FEET)	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO		TANKER	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO		TANKER
MIAMI HARBOR, FLA.--(CONTINUED)					INBOUND					OUTBOUND			
24 - - - - -	89	3			1	93	54	7				61	
23 - - - - -	192	1				193	143					143	
22 - - - - -	84	1			1	86	101	3				104	
21 - - - - -	165	1	1		3	175	169	4	1			174	
20 - - - - -	83		14		2	99	90	5	15			117	
19 - - - - -	59		12			71	61		27		7	89	
18 AND LESS - - - - -	5,704	36	4,292		120	5,849	5,849	41	4,308	137	566	10,901	
TOTAL - - - - -	7,266	70	4,319		127	12,358	7,427	67	4,351	141	575	12,561	
INTRACOASTAL WATERWAY, MIAMI TO KEY WEST, FLA.					NORTHBOUND					SOUTHBOUND			
8 - - - - -			245		24	127	399		243		16	1,257	
7 - - - - -	4		77			141	222	1	84			85	
6 - - - - -	24		7		13	174	218		36	1		437	
5 - - - - -	625				25	26	676	2,415			2	2,417	
4 - - - - -	1,559		1		4		1,564	9,724	4	4		9,732	
3 - - - - -	1,828		1		3		1,832	1,465		62		1,527	
2 - - - - -	7,680				4		7,684	215		22	486	723	
1 - - - - -	293						293						
TOTAL - - - - -	12,716		331		73	468	12,988	15,218	367	89	504	16,178	
MIAMI RIVER, FLA.					INBOUND					OUTBOUND			
15 - - - - -	33					33	26					26	
14 - - - - -	54	2				56	175	2				177	
13 - - - - -	74					74	91					91	
12 - - - - -	164					164	271					271	
11 - - - - -	228					228	155	1				156	
10 - - - - -	156	3	1		1	161	97		4			101	
9 - - - - -	70		18			88	37		18			55	
8 - - - - -	40		148		1	189	24		146	1		171	
7 - - - - -	32		1,506		1	1,629	14	1	1,593			1,608	
6 AND LESS - - - - -	2,966	1	2,138		80	1	5,206	3,070	2,127	76	2	5,275	
TOTAL - - - - -	3,437	6	3,991		80	4	7,829	3,960	4	3,888	77	2	7,931
BAKERS HALLOVER INLET, FLA.					INBOUND					OUTBOUND			
TOTAL, 8 AND LESS - - - - -	200		5		1		206	200		5		205	
EAU GALLIE HARBOR, FLA.					NO VESSEL TRIPS REPORTED								
KEY WEST HARBOR, FLA.					INBOUND					OUTBOUND			
TOTAL, 18 AND LESS - - - - -	7,963	3	98		95	8,159	7,956	4	107	7	95	8,169	
MELBOURNE HARBOR, FLA.					INBOUND					OUTBOUND			
TOTAL, 7 AND LESS - - - - -	401					401	402					402	
NEE RIVER, FLA.					INBOUND					OUTBOUND			
TOTAL, 29 AND LESS - - - - -	203		16		47	266	205	1	13	4		223	
OKLAHAMA RIVER, F.A.					UPBOUND					DOWNBOUND			
TOTAL, 2 AND LESS - - - - -	52,475					52,475	52,750					52,750	
PONCE DE LEON INLET, F.A.					UPBOUND					DOWNBOUND			
TOTAL, 9 AND LESS - - - - -	610					610	610					610	
RICE CREEK, FLA.					UPBOUND					DOWNBOUND			
TOTAL, 9 AND LESS - - - - -			119		105	224			119		105	224	
ST. AUGUSTINE HARBOR, FLA.					INBOUND					OUTBOUND			
TOTAL, 14 AND LESS - - - - -	1,835		4			1,839	1,824		9	5		1,838	
ST. LUCIE INLET, F.A.					UPBOUND					DOWNBOUND			
TOTAL, 8 AND LESS - - - - -	178		112		142	422	183		105	1		289	

## ATLANTIC INTRACOASTAL WATERWAY

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## TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION				
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS	
DRAFT (FEET)	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER
ATLANTIC INTRACOASTAL WATERWAY (CONSOLIDATED REPORT) BETWEEN NORFOLK, VA., AND THE ST. JOHNS RIVER, FLA				NORTHBOUND					SOUTHBOUND	
12 - - - - -	1,783		16		1	1,800	112	21		133
11 - - - - -	19		1			20	20	1		34
10 - - - - -	628		192	96	5	911	9,856	237	220	89
9 - - - - -	5,377		175	157	362	6,291	7,304	300	682	221
8 - - - - -	17,279		910	113	148	18,450	8,638	908	503	85
7 - - - - -	1,299		327	71	2	1,699	7,208	361	176	46
6 AND LESS - - - - -	35,244		458	1,472	421	37,595	49,170	431	1,031	519
TOTAL - - - - -	61,829		2,069	1,907	959	66,766	80,258	2,459	2,612	973

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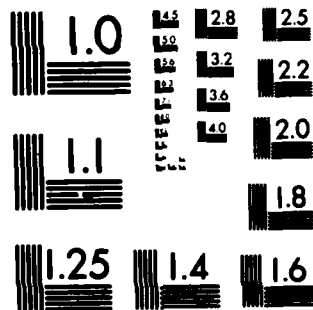
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